INDEX OF THE TROELSTRA ARCHIVE

Introduction

This index was mainly prepared in 2000 and 2001.[1] The archive itself was stored at the Mathematical Institute of the University of Amsterdam, afterwards (2001) brought to the Rijksarchief in Noord-Holland. The length of the archive is circa 2.5 meters. The material in the archive has been divided into a number of major categories, distinguished by capitals in the numbering of items, e.g. B (scientific correspondence), C (courses given by Troelstra, seminars and colloquia conducted by him), P (all materials relating to his publications) etc. Usually these major categories are again subdivided. The description of the contents is not carried out with the same amount of detail for each (sub-) category. A lot of material in this index was already set up by A.S. Troelstra himself (especially publications, lectures and congresses).
P. van Ulsen, Amsterdam, 2001.

Curriculum vitae of Anne Sjerp Troelstra[2]

10-VIII-1939 Born at Maartensdijk (Utrecht), the Netherlands.
1951-1957 Secondary school: Lorentz Lyceum (gymnasium beta), Eindhoven.
1-IX-1957 Enrollment as a student at the University of Amsterdam.
25-III-1964 Passed doctoraalexamen in Mathematics, cum laude. (At that time a bit more than a M.Sc.)
1-IV-1964 Appointed 'wetenschappelijk medewerker' (approximately, assistant professor) at the Department of Mathematics of the University of Amsterdam.
15-VI-1966 Doctorate (Ph.D) in mathematics on the thesis 'Intuitionistic general topology' (thesis adviser Prof. Dr. A. Heyting). University of Amsterdam.
1-IX-1966 till 1-IX-1967. On leave as a visiting scholar at Stanford University (departments of Mathematics and Philosophy) with a stipend from the Netherlands Organization for the Advancement of Research (then ZWO, now called NWO).
VIII-1968 Gave a series of ten lectures on Intuitionism at the Summer School on Proof Theory and Intuitionism at SUNY, Buffalo, New York.
1-IX-1968 Appointed 'lector' (associate professor) in mathematics at the University of Amsterdam.
1-IX-1970 Appointed 'gewoon hoogleraar' (full professor) in pure mathematics and foundations of mathematics at the University of Amsterdam.
4-VI-1976 Elected member of the Royal Dutch Academy of Sciences.
16-II-1996 Elected corresponding member of the Bavarian Academy of Sciences.
15-XI-1996 Received the F.L. Bauer–Prize of the 'Bund der Freunde der Technischen Universität München', for internationally outstanding contributions to

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[1] The way Troelstra set up the Heyting Archive (now part of the Rijksarchief Noord-Holland in Haarlem) and its index was a model for this archive and index. The Library of the Faculty of Sciences (Faculteit Natuurwetenschappen, Wiskunde en Informatica) of the University of Amsterdam, and especially the chief librarian H. Harmsen, gave me the opportunity to complete this index.

[2] Data from the postscript file of A.S. Troelstra (http://turing.wins.uva.nl/~anne/). See also A.S. Troelstra, Looking back, *ILLC magazine* 2, (July 2000).

Computer Science.
1-IX-2000 Retirement.

1-IX-1973 till 1-VIII-1974 On sabbathical leave: from 1-IX-1973 till 1-III-1974 visiting fellow of Wolfson College Oxford, England; till 1-VIII-1974 visiting professor at the Department of Mathematics at Freiburg University, Federal Republic of Germany.
15-IV-1985 till 15-V-1985 Visiting professor at the 'Scuola di specializzazione in Logica Matematica' at the Univerity of Siena, Italy (paid by the Consiglio Nazionale delle Ricerchi).
VI-1991 Visiting professor at the Department of Computer Science at the University of Bern, Switzerland.

Married to Olga Bakker (born 15-VI-1939); two daughters: Willemien Petra (born 15-VIII-1968) and Catharine (born 25-VI-1970).

A short outline of Troelstra's scientific work

Troelstra's research interests were:
a. History and philosophy of constructivism.
b. Metamathematics of systems based on intuitionistic logic.
c. Proof theory.

Principal Scientific Meetings (invited speaker at the meetings marked with *) Careful records have not been kept at all times, so the list is certainly incomplete.

International Congress on Logic, Methodology and Philosophy of Science (ICLPMS):
Amsterdam 1967* (3rd ICLPMS); London, Ontario 1975* (5th ICLPMS)

European Logic Colloquia
Hannover 1966*; Cambridge 1971*; Clermont-Ferrand 1975*; Oxford 1976; Mons 1978*; Prague 1980* (conference cancelled, but Proceedings published); Manchester 1984

Other Congresses:
2nd Scandinavian Logic Symposium (Oslo 1970)*; The Kleene Symposium (Madison 1978)*; The Brouwer Centenary Symposium (Noordwijkerhout 1981; Troelstra organizer); Conference on Modern Logic (Rome 1977)*; Italian National Logic Conference (Montecatini 1979)*; Congress on the History of Logic (San Gimignano 1982)*; Incontri di Logica Matematica, On the Foundations of Mathematics (Siena 1987)*; International Congress on New Problems in Logic and the Phil. of Science (Viareggio 1990)*; Logic in Computer Science 91 (Amsterdam, 1991); Computer Science Logic '91 (Berne, Switzerland, 1991); Computer Science Logic '92 (San Miniato, Italy, 1992); Joint International Conference and Symposium on Logic Programming (Washington, DC, 1992)*; Workshop on Constructivity and Computation (Driebergen, june 27 – july 3, 1993) (Troelstra organizer); Category Theory in Computer Science, September 1993 (CWI, Amsterdam); Non-classical Logics in Computer Science (Schlosz Dagstuhl, Wadern bei Saarbrücken sept. 1993)*; International Conference on Proof Theory, Provability Logic and Computation. (Bern, Switzerland 1994)*

Tagungen Mathematische Logik, Mathematisches Forschungsinstitut Oberwolfach:
april 18 – april 25, 1987; nov. 6 – nov. 12, 1988; dec. 16 – dec. 22, 1990; april 12 – april 18, 1992; april 1995; january 1998.
In these Oberwolfach meetings Troelstra has been Conference organizer, jointly with W. Felscher (Tübingen) and H. Schwichtenberg (München); later on with Y.N. Moschovakis (Los Angeles) and H. Schwichtenberg.

Ph. D. Students

1. D. Leivant, *Absoluteness of intuitionistic logic*. Ph.D. 19-XI-1975.
2. G.F. van der Hoeven, *Projections of lawless sequences*. Ph.D. 17-II-1982.
3. G.R. Renardel de Lavalette, *Theories with type-free application and extended bar-*

induction. Ph. D. 20-II-1984.
4. I. Moerdijk, *Topics in Intuitionism and topos theory*. Ph.D. 20-XI-1985. (cum laude)
5. P.H. Rodenburg, *Intuitionistic Correspondence theory*. Ph.D. 5-XI-1986.
(Thesis advisor jointly with with prof. J.F.A.K. van Benthem).
6. M. Bezem, *Bar recursion and functionals of finite type*. Ph. D. 6-X-1986.
(Thesis advisor jointly with prof. D. van Dalen; Ph.D. at the University of Utrecht).
7. H.C. Doets, *Completeness and Definability. Applications of the Ehrenfeucht game in second-order and intensional logic*. Ph.D. 6-V-1987.
(Thesis advisor jointly with prof. J.F.A.K. van Benthem).
8. I. Bethke, *Partial combinatory algebras*. Ph.D. 15-VI-1988.
9. M.G.D. Swaen, *Weak and strong sum-elimination in intuitionistic type theory*. Ph.D. 25-IX-1989.
10. J. van Oosten, *Exercises in realizability*. Ph.D. 5-V-1991.
11. D. Roorda, *Resource logics: proof-theoretical investigations*. Ph.D. 20-IX-1991.
(thesis advisor jointly with prof. J.F.A.K. van Benthem).
12. H.A.J.M. Schellinx, *The Noble Art of Linear Decorating*. Ph.D. 3-II-1994.
13. A. Prijatelj, *Investigating Bounded Contraction*, Ph.D. 6-I-1995.
(Thesis advisor jointly with prof. J.F.A.K. van Benthem).
14. R. Iemhoff, *Provability logic and admissible rules.* Ph.D. 15-V-2001.
(Thesis advisor jointly with prof. D.H.J. de Jongh and prof. A. Visser).
15. K. Sasaki, *Logics and provability*. Ph.D. 11-IX-2001.
(Thesis advisor jointly with prof. D.H.J. de Jongh).

The foregoing theses were prepared under Troelstra's direct supervision. Under his responsibility, but not actually supervised by him, also the following persons have obtained their Ph.D: L.C. Verbrugge (1993) and D. Zambella (1994). These two were supervised by dr. D.H.J. de Jongh (University of Amsterdam) and dr. A. Visser (University of Utrecht).

Membership of professional organizations

Het Wiskundig Genootschap.
Association for Symbolic Logic.
Deutsche Verein für Mathematische Logik und Grundlagen der Mathematik (member of the council).
Associazione Italiana di Logica e sue Applicazioni.
European Association for Computer Science Logic.
Nederlandse Vereniging voor Logica en Wijsbegeerte der Exacte Wetenschappen.
Académie Internationale de Philosophie des Sciences (elected).
Koninklijke Nederlandse Akademie van Wetenschappen (elected).
Corresponding member of the Bavarian Academy of Sciences (elected).

Functions in administration

Bestuurslid van de (member of the council of the) E.W. Beth Stichting (E.W. Beth Foundation, A. Heyting Stichting (A Heyting Foundation), Association of Symbolic Logic, Nederlandse Vereniging voor Logica (Dutch Society for Logic), Institute for Logic, Language and Computation (ILLC, University of Amsterdam).

Directeur van de Onderzoeksschool Logica (1/2/1995 – 1997) (director of the (Dutch) Research School in Logic); directeur van het Mathematisch Instituut aan de UvA (director of the Mathematical Institute, University of Amsterdam); secretaris sectie wiskunde Koninklijke Nederlandse Akademie van Wetenschappen (secretary of the section of mathematics of the Royal Dutch Academy of Sciences).

Editorships

Editor (1983 – 1991; three periods of three years) of the Journal of Symbolic Logic for the area 'Proof Theory and Constructivism'.

Editor (1972 – 2000) of the monograph series 'Studies in Logic and the Foundations of Mathematics', published by Elsevier (North-Holland).
Editor (1980 –) of Compositio Mathematicae.
Editor of Indagationes Mathematicae.
Member of the advisory board of Studia Logica.

Other activities

Served for a number of years as member of 'De Commissie voor het Floristisch Onderzoek van Nederland' (Committee for floristic research in the Netherlands), a committee of the Koninklijke Nederlandse Botanische Vereniging (Royal Durch Botanical Association).

INDEX OF THE TROELSTRA ARCHIVE

Division of the material into main categories

Main divisions are indicated by the first (capital) letter of the number of the items. The letters have been chosen because of some mnemonic association with a Dutch word. The main divisions are characterized in the list below.[3] The groups C, D1, P and V give mainly an overview of Troelstra's activities in these sections. Not every item of them is really filled with records.

B. [Brieven] Scientific correspondence.
C. [Colleges] Notes of courses given by Troelstra, notes and announcements of Seminars and Colloquia conducted by Troelstra, lists of participants etc.
D. [Diversen] Miscellaneous: congresses attended by Troelstra and administration related to the University of Amsterdam.
G. [Genootschappen] Material connected with Troelstra's organizational activities, membership of societies etc.
P. [Publicaties] Material connected with Troelstra's publications: drafts, preprints, correspondence relevant to the history of the publication, data on the congresses where the lecture was given which resulted in the publication etc.
R. [Redactie-werk] Editorial work. Correspondence relating Troelstra's work as an editor of the series of monographs 'Studies in Logic and the Foundations of Mathematic', The Journal of Symbolic Logic, etc.
S. [Scripties] Correspondence and documents concerning scripties (= M.Sc. theses) and promoties (= Ph.D theses) prepared under Troelstra's guidance, or in the preparation of which he has been involved.
V. [Voordrachten] Material concerning (un)published lectures and manuscripts of Troelstra.

Abbreviations

Cc., cc. = carboncopy; Ms., ms., mss. = manuscript(s); Pc., pc. = photocopy; sh. = sheet(s): Ts., ts., tss = typescript(s).
X (> Y, Y >, Z > Y) = amid the correspondence between Troelstra and X: there are also letters from X to Y, from Y to X, from Z to Y (>< Y = letters from X to Y and from Y to X, etc.). Sometimes, the correspondence between Troelstra and X in such a bigger combination, with X, Y, Z, etc. is empty. Additions follow always under the 'key'word. The additons of names are alphabetically (it gives an indication and this is not always the way they are really ordered in the archive under such an entry; the user has to search for that himself, especially in the Kreisel correspondence).

B. Brieven [Scientific correspondence]

The correspondence is chronologically ordered (decades: 1960 – 1970, 1970 – 1980, 1980 –

[3] Till 2026 it is not possible to inspect the following items without the permission of A.S. Troelstra: B, D2, D3, D4, G4, G5, G6, R3, R4, R5, R6, R7, S2.

1990, 1990 – 2000), then alphabetically by correspondent (and then for each correspondent again chronologically). Anderson, J.G. means: there is correspondence between J.G. Anderson and A.S. Troelstra. The correspondence between A.S. Troelstra and G. Kreisel is exceptional, therefore also the treatment (the red coloured corrections in some letters are Kreisel's; signatures with GK means G. Kreisel). Sometimes we name Troelstra in the correspondence only 'T', of course the signature 'AST' or 'Anne' means A.S. Troelstra.

Besides Kreisel there is an other remarkable phenomenon in this correspondence: the birth of the electronic mail. There is always a group of e-mails, difficult to order, therefore exists under B a special group after the period 1990–2000 with the name 'e-mails, miscellaneous'; they are ordered as follows: '1990 – 2000, e-mail, miscellaneous', then chronologically ((combinations of) months), and within such a group alphabetically. And again: it gives an indication under an entry and this is not always the way the names are ordered in the archive itself; the user has to search for that further on.

For manuscripts not associated with correspondence, but which have been annotated by Troelstra, see under group S and under R.

Period 1960 – 1969.

Anderson, J.G.
AshviniKumar

Beth-Pastoor, C.P.C.
Bishop, E.
Browder, F.E.
Brümmer, G.C.L.
Bulug, C.
(O. Troelstra-Bakker >, ts. Bulug 2 sh, ms. O. Troelstra-Bakker 2 sh)

Celluci, C.
(> G. Kreisel)
Curry, H.B.

Deligne, P.
Dijkman, J.G.
(ms. Troelstra 5 sh.: aantekeningen op Dijkman)

Engeler, E.

Freudenthal, H.

Gabbay, D.
Goodman, N.
Groot, J. de

Harrop, R.
Heyting, A.
(L.H. Hackstaff >, Heyting ts. 5 sh, ts Troelstra 2 sh, T > Y. Moschovakis)
Hosoi, T.
(R. Goodwin > T)
Howard, W.A.

Iongh, J.J. de
(D. Scott >)

Jongh, D.H.J. de

Kamp, H.
Keig, D.W.
Kleene, S.C.

Kreisel, G.
Kreisel 1966:
ts. Kreisel
Kreisel 1967:
> W.A. Howard, > S.C.K. (S.C. Kleene?), > S.C. Kleene, > R.M. Solovay;
mss. Kreisel
Kreisel 1968
Kreisel 1969:
> P. Bernays, > H.C. Doets, > W.A. Howard, > C.G. McKay, > M.O. Rabin; reviews by Kreisel, ms. Kreisel; ms. W.A. Howard)

Lekkerkerker, C.G.
(> D. Harting)
Löb, M.H.
Luckhardt, H.

McKay, C.G.
(C.F. Kent >< T, J. van Witsen >; tss. McKay)
Mayoh, B.
(> North-Holland Publ. Co. (H.J. Stomps), T > A.C. Zaanen; tss. Mayoh)
Mathias, A.R.D.
Moschovakis, Y. (& Moschovakis J.R.)
Mostowski, A.
Müller, G.H.
Myhill, J.

Nagashima, T.

Oort, F.

Parsons, Ch.
Prawitz, D.

Rootselaar, B. van

Scarpellini,
Schütte, K.
Scott, D.
(T > J.C.H. Gerritsen)
Segerberg, K.
Seldam, C.A. ten
(> A. Heyting)
Shepherdson, J.C.
Smorynski, C.
Stainier, F.C.
Stigt, W.P. van

Teensma, E.

Venneman, Th.
Vesley, R.E.

Period 1970 – 1979.

Alten, T. van
Anderson, J.G.
Arndt, O.

Arzarello, F.
AshviniKumar
(T >< Krishnarao, T > R. Walter)

Barendregt, H.
(ZWO mededelingen, ZWO >< T)
Barwise, Jon (& Barwise, Jane)
Beeson, M.
(> G. Kreisel, > D. Scott)
Benthem, J.F.A.K. van
Berg, van de
Bernini, G.
Bezem, M.
Blok, W.
Boland
Bouvère, K.L. de
Bowen, K.A.
Bridges, D.S.
Brock, M.G.
Brown, C.

Cantini, A.
Casari, E.
Cellucci, C.
Chancellor, J.

Daalen, Diederik van
Dalen, Dirk van
Diebold
(T >< Oberschelp)
Diller, J.
(> K. Potthoff & H-G. Karstens)
Dobre, A.
Dummett, M.A.E.

Engeler, E.
(L. Luckhardt >, referee report on ms. by H. Luckhardt)

Feferman, S.
(H. Friedman >, > J. Myhill)
Felscher, W.
Fenstad, J.E.
Follesdal, D.
Fourman, M.P.
Friedman, H.
(S. Feferman >; ts. Friedman)
Fris, M.

Gabbay, D.
(G. Kreisel >, A. Levy > T, T > North-Holland Publ. C.; ts. abstract Gabbay, tss. Gabbay)
Gandy, R.
(M. Dummett > T, M.H. Löb > T)
Garcia, N.M. Lopes
Gargov, G.K.
Gelfond, M.
Girard, J.-Y.
Goodman, N.D.
Grayson, R.J.
(T > L.A.B. Stroosnijder)
Greenleaf, N.
Grice, G.R.
Groot, J. de
Guardiani, G.

Hackstaff, L.H.
(> A. Heyting)
Hallnäs, L.
Hayashi, S.
(ts. Hayashi 4 sh.)
Hermes, H.
Heyting, A.
(pc L.E.J. Brouwer (1924) >)
Hindley, J.R.
Hintikka, K.J.J.
Hirschfeld, R.A.
Hodes, H.T.
Holmes, D.E.
(J. van Witsen > B. van Rootselaar, J. van Witsen > A. Heyting)
Hornung, J.
Howard, W.A.
(> J. Diller, G. Kreisel >)

Iseki, K.

Jervell, H.R.
Julian (& Mines & Richman)
Jongh, D.H.J. de
(T > Lekkerkerker, H.C. Doets > M.H. Löb; cv of de Jongh by Troelstra, evaluation of de Jongh by students)

Keisler, H.J.
Koecher, M.
(with bibl. of G. Hasenjaeger, W. Schwabhäuser, H. Luckhardt, J. Diller)

Kreisel, G.
Kreisel 1970:
> AshviniKumar, > Bishop, > J.E. Fenstad, > N. Goodman, > W.A. Howard, > R. Jeroslav, > D.H.J. de Jongh, > G.E. Mints, > J. Myhill, > G. Takeuti, ts. Kreisel, pc. Kreisel reviews, tc. Kreisel-Krivine corrections, errata.
Kreisel 1971:
>< M. Beeson, > B. Dreber, > S. Feferman & H. Friedman, T > H. Friedman, > D. Gabbay, > K. Gödel, >< J. Myhill, >< D.Prawitz, > B. Scarpellini, > Shoenfield, > C.A. Smorynski, > R.E. Vesley; mss. Kreisel, tss. referee reports & (auto)reviews by Kreisel
Kreisel 1972:
> A.G. Dragalin, > W.A. Howard, T > W.A. Howard, G. Mints >, > M.O. Rabin; ts. Kreisel, (auto)reviews, corrections
Kreisel 1973:
M. Beeson, > D. Burghelea, > J.D. Halpern, > Kotze, > Krivine (?), > Logic Search Committee, > P. Martin-Löf, >< G. Mints, > G. Takeuti; reviews by Kreisel, bio of Beeson by Kreisel
Kreisel 1974:
> K.D. Crosbie, J.J. de Iongh, > Jech, > C.G. Jockusch, > D. Leivant, > V. Lifs(c)hits, > Krivine(?), > D. Leivant, > P. Martin-Löf, > G. Mints, G. Mints > D. Leivant, E. Radu, > C.A. Smorynski, > Yates; tss. reviews by Kreisel, tss. Kreisel.
Kreisel 1975:
>< J. Barwise, J. Barwise & H. Friedman, >< Y.L. Ersov, > D. Gale, > R.O. Gandy, U.G.H. (?) >, W.A. Howard >, > S.C.K. (S.C. Kleene?), > S.G. Simpson, > Simpson & C.A. Smorynski, > C.A.

Smorynski, > H. Schwichtenberg; tss. , mss. Kreisel, reviews by Kreisel.
Kreisel 1976:
> M. Beeson, J.W.S. Cassels, > H. Friedman, > M.H. Löb, > G. Mints, > North-Holland Publ. Co. (E. Frederiksson) > H. Rogers jr., > A.C. Segal, > R. Statman; mss. Kreisel, reviews by Kreisel.
Kreisel 1977:
P. Aloisio, >< M. Beeson, > C.A. Smorynski; mss. Kreisel, reviews by Kreisel.
Kreisel 1978:
> H. Luckhardt, > D. Prawitz, > D. Scott; mss., tss. Kreisel, reviews.
Kreisel 1979:
> H. Luckhardt, > Pres. Magdalen Coll., > D. Scott, P. Wojtylak >; mss., reviews by Kreisel.

Kreinovich, V.
Krijgsman, P.H.
Krolikoski, S.J.
(with cv)
Kushner, B.A.

Lambek, J.
Leivant, D.
(> H. Rogers jr, J. van Witsen >; ms. Leivant)
Lenstra, H.W.
Levy, A.
Lifs(c)hits, V.
(referee report, abstract, ms.)
Lindström, P.
Löb, M.H.
Loi, M.
Lopez-Escobar, E.G.K.
(J. van Witsen)
Luckhardt, H.

McAloon, K.
(J. van Witsen > T, J. van Witsen > E.P. Reckman)
McKay, C.G.
Mandelkern, M.
Manibhandu, S.
(recomm. of Manibhandu by A. Heyting, by Troelstra, G.R. Grice > T; ts. Manibandhu))
Margenstern, M.
Martin-Löf, P.
Mathias, A.R.D.
Mayoh, B.H
(T > Zaanen)
Mentink, A.
Metakides, G.
Mints, G. E.
(T > P.C. Baayen; tss. Mints)
Montagna, F.
Moriconi, E.
Moschovakis, J.R. (& Moschovakis, Y.)
Mostowski, A.
Motohashi
Müller, G.H.
Murawski, R.
Myhill, J.
(ts . Myhill, review of Esenin-Volpin by Grishin)

Nelson, D

Ono, H.
Oort, F.
Osswald, H.

Parsons, Ch.D.
Pfeiffer, H.
Posy, C.J.
(T > G. Massey)
Pottinger, G.
Powell, W.C.
Prawitz, D.
(ts. Prawitz)

Radu, E.
(ts. Radu)
Rautenberg, W.

Scarpellini, B.
(G. Kreisel >)
Scholten, F.P.
Schultz, K.
(ts. Schultz)
Schwichtenberg, H.
Scott, D.S.
(abstract PhD R.J. Grayson, recomm. Grayson by Scott, >< A. Heyting, > G. Kreisel, article A. Heyting)
Scott, Ph.
Segerberg, K.
Sehnert, M.P.
(ts. Sehnert)
Shoenfield, J.R. (pres. ASL)
Shukla, S.L.
(cv Shukla)
Sieg, W.
Simpson, S.G.
Smith, J.
Smorynski, C.A.
(review of McLane by Smorynski)
Staples, J.
(G. Renardel de Lavalette >)
Statman, R.
(ms. Statman)
Steel
Stein, M.
Stigt, W.P. van
(> G. Kreisel)
Sundholm, G.
Suppes, P.
(4th Int.C.Logic, Meth. & Phil. Sci.)
Surdu, A.
Swart, H. de
Szabo, M.E.

Tait, W.W.
Takens, F.
Takeuti, G.
Thomason, R.H.
Tucker, J.V.

Veldman, W.
(> G. Kreisel)
Vesley, R.E.
Vogel, H.

Weinstein, S.
Whitney, H.
Wojtylak, P.
Wolf, R.
Wolters-Noordhoff Publ. Co.
(J.G.R. Hindley >< T, pc. A.A. Lazerowitz >)

Yates

Zinov'ev, A.A.
Zucker, J.

Period 1980 – 1989.

Aczel, P.
American Mathematical Society
(W.J. LeVeque > T)
Arzarello, F.

AshviniKumar

Bachmann, H.
(J. van Witsen >)
Barendregt, H.
Barth, E.M.
Barwise, J.
Beeson, M.
(>< P.H. Rodenburg)
Bennet, C.
(Casa Academica >< J. van Witsen)
Benthem, J.F.A.K. van
Bercovici, I.
Bethke, I.
(E. Klein (Edinburgh U) > T; Edinburgh U.: description lectureship)
Bezem, M.
(E.M. Barth > T, W. Howard >, G. Kreisel >, W. Schwabhäuser >), >< W. Veldman; mss. Bezem)
Borgers, A.
Bridges, D.S.
(>< Springer Verlag (J. Heinze), G. Stolzenberg >)
Bruijn, N.G. de
Bucholz, W.
Burde, G.
Burgess, J.

Cantini, A.
Casari, E.
Cellucci, C.
Champeaux, de
Chancellor, J.
Charité, J.
Chiari, M.

Dalen, D. van
Dawson, J.W.
Delzell, Ch.P.
Demuth, O.
(D.W. Bresters > T, verslag Bresters, J. Dupacová >, R. Tijdeman > T, M. Vlach >< T)
Deppert, W.
Detlefsen, M.
(Notre Dame J. Formal Logic)
Diebold
Diller, J.
(W. Hodges: Polish logicians, >< E. Börger, M. van Lambalgen, > M.M. Richter, > W. Rödding, W. Rödding > E. Börger)
Dragálin, A.
Drago, A.
Dries, L. van den
Dwinger, Ph.

Ebbinghaus, H.D.
Ehrlich, Ph.

Feferman, S.
(>< B.G. Sundholm, >< P. Martin-Löf, D. Scott > (Feferman?))
Felscher, W.
Fenstad, E.
Filipec, P.
Fourman, M.P.
Franco, F. del
(R. Troncone > T)
Freudenthal, H.
Friedrich, W.

Gana, F.
Gandy, R.
Gargov, G.K.
Gelfond, M.
George, A.
Gessel, W. van
Ghannad, A.H.
Glockner, H.
Goad, C.
Goldblatt, R.
Gordeev, L.
(G.E. Mints > H. Schwichtenberg)
Grayson, R.J.
(> I. Moerdijk & G. v.d. Hoeven)
Greenleaf, N.
Guardiani, G.

Hashmi, V.H.
Hayashi, S.
Heyting, G.F.
Hindley, J.R.
(T > S.M.C.)
Hintikka, K.J.J.
Hirschfeld, R.A.
Hodges, W.
Hoeven, G. van der
(G. Kreisel >)
Howard, W.A.
Hyland, J.M.E.

Istratescu, V.I.
(> A. Heyting)

Jäger, G.
Jech, Th.
Jervell, H.
Jongerius, R.T.
(T > B. Herzberger, T > J.F.A.K. van Benthem, T > Coll. Van Bestuur UvA)
Jongh, D.H.J. de

Kalmbach
Kamitz, R.
Kamp, H.
Kasimos, N.
(> Heyting)
Klaua, D.
Klop, J.W.
Kluwer, Ac. Publ.
Knobel, A.
Kock, A.
Kohlenbach, U.
Kranova (?), M.
Kreinovich, V.

Kreisel, G.
Kreisel 1980:
> Deligne, > Ketonen, > Mandelkern, > W. Suchon; review by Kreisel..
Kreisel 1981:
J. Chancellor > T, Frank (?) > J. Barwise, > W. Suchon, P. Wojtylek >; ms. Kreisel, ms. (pc.) by (?), pc G. Bellin.
Kreisel 1982:
> G. Renardel, > Smorynski (?), > J. van Witsen; ms. (?), (self)reviews by Kreisel.
Kreisel 1983:
ms. Kreisel, ts. E. Martino
Kreisel 1984:
> McIntyre, > A. Scedrov, > D. Scott: reviews by Kreisel, ts by Kreisel.
Kreisel 1985:
> H. Luckhardt, > I. Moerdijk, > H. Schwichtenberg; reviews by Kreisel, mss. by Kreisel, tss. by Kreisel.
Kreisel 1986
Kreisel 1987:
>< G. Guardiani, > M. van Lambalgen, > Previak.
Kreisel 1988
Kreisel 1989:
>< A. Baker, >< G.

Mints, > P. Odifreddi; reviews, mss. review by Kreisel of P1988, sheets with corrections and variants [added the final version: pc. of. B.L.M.S. 22 (1990 505-511)]

Kuper
Kus(h)ner, B.A.

Lambalgen, M. van
(T > ZWO)
Lambek, J.
Lifschitz, V.
(ms. G.E. Mints)
Leivant, D.
(G. Kreisel > D. Scott, > D. Scott)
Lenstra
Longo, G.
Looijenga, E.
Luckhardt, H.
(T > Burde, referee report Ph.D. of Kohlenbach by Troelstra)

McBeth, R.
McCarty, D.C.
McGraw-Hill Books
McKay, J.M.
(2x ms. McKay)
Maddy, P.
Maj, I..
(> Heyting)
Martino, E.
Martin-Löf, P.
Mboka, A.
(ts. Mboka)
Minari, P.
Mints (Minc), G.E.
(> Barcan, > D. van Dalen, J.P. Jones (rondschrijven), T > Ned. Amb. in Sovj. Unie, J. van Witsen > Post Office; cv Mints, bio. of Mints by J.P. Jones, tss. by Mints, bibl. of Mints)
Mönnich, U
Moerdijk, I.
(> M. Barr, > M. Fourman & R. Grayson, > M. Hyland, > G. Kreisel, C. Mulvey > (E.S. Scerbakov > Moerdijk))
Montagna, F.
Moran, Th.
Moricoli, E.
Moschovakis, J.R. (& Moschovakis, Y.)
(T >< Occidental College (D.J. Danelski))
Müller, G.H.
Mundici, D.

Nerode, A.

Oxford Univ. Press (A. Watkinson >)

Päppinghaus, P.
(T > Reckman, Kaashoek > T, J. van Witsen > M.C.)
Palma, A.
Pambuccian, V.
Petkov, P.
(T >< G. Rosolini; referee reports for 'Heyting 1988' by Troelstra of O. Demuth, S. Ghilardi, H. Irving, V. Burgin, V. Sazonov, C. Tongqing)
Philosophical Logic, Journal of
(J.M. Dunn > T)
Pitcher, G.
Pitts, A.
Porte, J.
Posy, C.J.
Powell, W.C.
(> H. Friedman)
Prawitz, D.

Quickenborne, M. van

Radovi Matematicki
(N. Tanovic-Miller)
Rautzer, C.
Reidel Publ. Co.
(T>< Cooper, T >< Kuipers)
Remmel, J.B.
Rezus, A.
Richman, F.
(UC Berkeley (A. Rieffel) > T; bio. & bibl. of Richman)
Richter, M.M.
Richman, F.
(Rieffel, M.A. (Berkeley UC) > T; cv + bibl. of Richman)
Rodenburg, P.H.
(> J.F.A.K. van Benthem)
Rosolini, G.
(vertrouwenscie.VU (G.Y. Nieuwland) > T, declarations)
Ruitenberg, W.

Sambin, G.
(C. Bernardi > T, Ciliberto > T, T > F. Montagna, T > F. Montagna & Bernardi, T > Coll. Bestuur UvA, Personeelsdienst UvA > T, cv of Troelstra,)
Scedrov, A.
Schmerl
Schmitt, P.H.
Schroeder-Heister, P.
(ts. Schroeder-Heister & K. Dosen)
Schwichtenberg, H.
(> M. Barner, > T & W. Felscher)
Schütte, K.
Scott, D.
(> D.C. McCarty; bibl. Friedman)
Scott, Ph.
Scowcroft, Ph.
Seely, R.
Shi, S.
Sieg, W.
(referee reports (by M. Dummett, W. Sieg) on A..S. Troelstra's 'Remarks on intuitionism and the philosophy of mathematics'. Corrections and reactions by Troelstra)
Silver, B. (AMS)
Simpson, S.G.
(S.G. Simpson & L.A. Harrington & M.D. Morley > T)
Smith, J.
Smorynski, C.A.
Springer V.
(C. Heine: Persp. in Math. Logic)
Stein, M.
Stigt, W.P. van
Szabo, F.

Taylor, P.
Thomason, R.H. (J. Philos. Logic)
Tijdeman, R.

Unterhalt, H.

Veldman, W.

(T > Fac. W&N Nijmegen)
Vesley, R.E.
Visser, A.
Vlach, M.
(> D.W. Bresters, > G. de Leve, T > P. van Emde Boas & G. de Leve, D. van Dalen (?) > T)

Walker, C.L.
Weihrauch, K.
Wojtylak, P.
(> G. Kreisel)
Wolenski, J.
(J.F.A.K. van Benthem > T)
Wolfson College (Oxford)

Yasugi, M.

Period 1990 – 1999.

Abramsky, A.
Aczel, P.
Anderson, P.
Andreoli, J.-M.
Apt, K.
Arkel, N.A. van
AshviniKumar
(P.C. Das >< T)
Avron, A.
(M. Sharir > T)

Baaz, M.
(A. Schmidt > T)
Bakker, A.
Barendregt, H.
(R. Echl >< T)
Barendsen, E.
Barwise, J.
Battilotti, G.
(> K. Schoot)
Bauer-Preis
(Meitinger >< Troelstra: F.L. Bauer-Preis for Troelstra)
Bellin, G.
Benthem, J.F.A.K.
(>< K. Apt, >< S.N. Artemov, >< G. Boolos, > D. van Dalen, >< P. van Emde Boas, >< K. Fine, >< S. Feferman, > D.H.J. de Jongh, >< S. Kripke, > M. van Lambalgen, >< E.J. van der Linden, T > T. Wasow)
Benton, P.N.
Bethke, I.
Bex, W.
Bezem, M.
(>< W. Veldman)
Bierman, G.
Billinge, H.
Blok, W.
(> van Benthem, van Benthem >< T, T. Janssen > T, T >< E.J. van der Linden, T > P. Rodenburg, Y. Venema > T, T > A. Visser)
Boolos, G.
Bousquet, L. du
Bridges, D.
(T >< Kalnins; cv Bridges)
Brown, C.
Brunner, N.
Bucholz, W.
Buss, S.
(W. Lenski >)
Buszkowski, W.

Cantini, A.
Cap, C.H.
Carbone, A.
Carnielli, W. (& R.L. Epstein)
Cellucci, C.
Church, A.
Clote, P.
Cook, S.A.
Coolen, T.M.T.
(C. Verhoeven > T)
Coquand, T.
(M. Bezem > T, S. Feferman >)
Corsi, G.
Crolard, T.
Curien, P.-L.

Dalen, D. van
(H. Barendregt & M. Bezem & J.W. Klop > T, M. Bezem > T, S. Buss > , v. Dalen & T > W. Veldman)
Dalla Chiara, M.L.
Dawson, J.
Dekker, Th.J.
Dickason, E.
(Ency. of Philos.)
Diller, J.
(> M. van Lambalgen)
Ditmarsch, H. van
Doets, H.C.
Dosen, Z.M.
(Markovic > T)
Dragalin, A.
(S. Artemov > T, R.A. Shore > T; ts A.S. Troelstra (1999), 'Albert Dragalin remembered: a tribute')
Dummett, M.
(> D. van Dalen)
Dwinger, Ph.
Dyckhoff, R.

Ellemers

Feferman, S.
(J. Barwise & W. Sieg & R. Sommer >< T, > D. van Dalen, >< Zentralblatt f. Math., T > Zentralblatt f. Math., D. van Dalen > Zentralblatt f. Math., D. van Dalen >< T)
Felscher, W.
(R. Astley (Cambridge UP) >, M. Kreck > T, H. Schwichtenberg >; Troelstra, 'Gutachten L. Gordeev', 2 sh: Felscher: Habilitationsschrift of Gordeev, 6 sh)
Franchella, M.
Fris, M.
Fujinami, T.

Galen, van
Gallier, J.
Gandy, R.
(W. Hodges > Troelstra)
Gavrilovich, M.
George, A.
Geuvers, H.
(> Inf. Ond. Scholen, A. Tannenbaum >)
Girard, J.-Y.
Gödel Society
Goldfarb, G.
Gordeev, L.
(ts. Gordeev)
Gore, R.P.
(C. Doets T & M. Kalsbeek, M. de Rijke > T)
Griffor, E.
Grishin, V.
(V.S. Vladimorov > J. Korevaar)
Groote, J.F.
Gurevich, Y.
(M.A. Finkbeiner > T)

Harvey, A.
Hayashi, S.
Hendriks
Hesseling, D.
Heyting, W.
Hindley, J.R.
(T > H. Schellinx,, R. Nederpelt > T)
Hirokawa, S.
Hodes, H.
(> T & H. Schwichtenberg)
Hodgson,
Hösli, B.
Hoeven, G. van der
Horsten, L.
Hurkens, T.
Hyland, J.M.E.
(> W. Hodges, T >< J. Coats; cv Hyland)

Ishihara, H.
Islam, S.M.

Jäger, G.
Janc, M.
(cv Janc)
Jervell, H.R.
Joinet, J.-B.
(T > Mission Sc. et Technique; cv Joinet)
Jongerius, R.T.
Jongh, D.H.J. de
Jonker, C

Kahle, R.
(P.I. Blok > T)
Kakuda, Y.
Kanovich, M.
Karagueuzian, D.
Kister, J.
Klint, P.
(E.J. van der Linden >)
Kluwer, Ac. Publ.
(Fleischhacker)
Knobel , A.
(cv Knobel)
Köllner, P.
Kohlenbach, U.
(T > Carnegie Mellon U., T > W. Felscher & H. Schwichtenberg, M.P. Fourman > T, H. Luckhardt > T, J. Martin > T, J. Weidman > T; report (Gutachten) on K's diss. by H. Luckhardt, Gutachten by Troelstra of K's diss, ms. Kohlenbach 1 sh., Edinburgh U., report by ? on a paper by Kohlenbach)
Korevaar, J.
Krauss, P.
Kreinovich, V.Y.
Kreisel, G.
(reviews by Kreisel)
Kuhler, A.L.
Künzi, U.-M.
Kushner, B.A.
(> Pour-El & Richards, Karagueuzian > T, D. Mey > T)
Kuzichev, A.S. (& Y. Vandoulakis; ms 3 sh.)

Lambalgen, M. van
Leivant, D.
Lenski, W.
(M.M. Richter & Lenski > editors (Omega-Bibliography of Mathematical Logic (Springer), E. Börger > Lenski & M.M. Richter, G. Müller & M. Richter & W. Lenski > editors Omega-bibl.)
Liu, S.-C.
(T > D. van Dalen)
Loeckx, J.
Longo, G.
Luckhardt, H.

McCord, M.C.
[+ non-McCord e-mails: H. Schellinx > T, M. Franchella > T, S. Koppelberg > T, P. Zijlstra & M. Fermé .]
McKay, C.G.
McLarty, C.
(> referee)
Makkai, C.G.
Martini, S.
Martin-Löf, P.
Mey, D.
(T > Forschungskommission ETH)
Minari, P.
Mints, G.
(> J.F.A.K. van Benthem, > H. Barendregt & H. Schwichtenberg, Bolotin (T. Cohn, (Plenum Publ.C.)) > T, > U. Kohlenbach, > H. Schwichtenberg & T, S.S. Shatz > T, >< R.A. Shore)
Moerdijk, I.
(C. Butz > T, > D. van Dalen & T & etc., > J. Steenbrink, H. van der Vorst > Cie; cv, bibl.)
Moschovakis, Y. (& Moschovakis, J)
(H. Schwichtenberg >, > T. Hurkens, > M. van Lambalgen)
Mundici, D.
Murawski, R.
(bibl.)

Nerode, A.
(> Sttering C. LFCS)
Niggl, K.-H.
(cv, bibl.)
Niwinski, D.
(B. Jakubczyk >)

Oakes, C.
Odifreddi, P.
(ms. J. Barwise on Kreisel, ms Platek on Kreisel. NATO Coll. Research Grant)
Ong, L.
Ono, H.
(>< M. Adelaar, G. van der Hansz >< M. Adelaar, D. van Dalen >, T >< D. van Dalen, L.K. Han (NWO) > T, K. Okada > W. Hutter (NOW), T > NWO)
Oosten, J. van
(T > A. Buckley) > D. van Dalen & W. Veldman, W. Veldman >, V. Lay > T, T >< G. Winskel)
Oostrom, V. van
Orlowska, E.
(ms. Orlowska)

Paiva, V. de
(G. Bierman > Troelstra)
Palmgren, E.
(> K. Schoot, T > K. Schoot, T >< V. Stoltenberg-Hansen)
Palmigiano, A.
(T > D. Gabbay)
Parsons, Ch.
Pereira, P.D.
Peijnenburg, J.
Pfenning, F.
Philosophical Logic,

Journal of (J.M. Dunn > T)
Pinto, L.
Pitts, A.
Plato, J. von
Plisko, V.
Pohlers, W.
(referee report by Troelstra on Duquesne)
Pol, J. van der
Polak
Posy, C.J.
(T > M. Foppele, E.J. Broeke > M. Foppele)
Powell, A.
Pratt, V.
Prijatelj, A.
Pym, D.J.

Rasiowa, H.
(A. Dragalin > T, D. Niwinski > T)
Rath, P.
Rathjen, M.
(T > A.C. Little)
Renardel de Lavalette, G.
(T > D. van Dalen)
Retoré, Ch.
(cv Retoré, projet de recherche)
Rezus, A.
Richman, F.
Richter, M.M.
(P. Hinman > T & D. van Dalen, A. Blass & P. Hinman & J. Kister >, Richter & W. Lenski > T,
Rodenburg, P.
Ronchi, S.
Roorda, D.
Rudlof, Th.
Rijke, M. de

Sambin, G.
(referee report by ? on Sambin & Battilotti & Faggian)
Sanchez-Valencia, V.
Sanchis, L.E.
Sasaki, S.
Scedrov, A.
Schaake, J.
Schellinx, H.
(J.F.A.K. van Benthem >, D. Duchhart > Dick (D.H.J. de Jongh?), T > E. Pardou, > F. Paoli, F. Paoli > T, W. Veldman >)
Schmidt, D.
Schroeder-Heister, P.
Schütte, K.
Schwichtenberg, H.
(W. Felscher >, >< D.H.J. de Jongh, S. Negri >, > Schetz, D. Schmidt >, > T & Y. Moschovakis)
Scott, D.
Seyfried, M.
Sieg, W.
SION
(J.C.W. Berkhoff (SION) > K.R. Apt)
Slater, B.H.
Smeulders, A.
Smith, J.M.
Smorynski, C.A.
Soloviev, S.
(I. Moerdijk >, Moerdijk > T & H. Barendregt)
Sommanega-Rosdemos, G.
Song, F.
(ms, ts Song, cv Song)
Sorensen, M.H.
Speek, S.
Stärk, R.F.
(cv Stärk)
Stigt, W. P. van
Stoltenberg-Hansen, V.
Streicher, Th.
(>< R. Hoofman)
Swaen, M.D.G.

Takeuti, G.
(P.G. Clote > T; Colloque Takeuti)
Tamminga, A.
Tatsuta, M. (& S. Kobayashi)
Tesconi, L.
Thomas, R.S.D.
Thompson, S.
Tieszen, R.
(> D. van Dalen & I. Moerdijk & G. Sundholm)
Tranah, D.
Truss, J.K.
Tupailo, S.

Valentini, S.
Veldman, W.
(> D. Bridges, > D. van Dalen, > D. van Dalen & T)
Venema, Y.
(M. Fitting >< T)
Verbrugge, L.C.
(T > D. Ghinelli, T > Oxford U. (G.V. Tomlin), T > Catharine van Tussenbroek Fonds; cv Verbrugge)
Vestergaard, R.
Visser, A.
(cv Visser)

Waaldijk, F.
Wagner, H.
Wang, H.
Wansing, H.
Wegner, B.
Wehmeier, K.F.
(>< D.H.J. de Jongh, > T & A. Visser)
Weiermann, A.
Weihrauch, K.
(T > bestuur ITLI)
WEIS
(G. Raeven & H. Kerres > T)
Wierda, G.
Wojcicki, R.

Zaslavsky, I.D.
(cv Zaslavsky)
Zimmerman, E.
Zucker, J.

1990 – 1999, e-mails, miscellaneous

1996

96 Apr-May, 96 May-June, 96 Jun-Aug, 96 Aug-Sep.
Adelaar, M.
Apt, K.
Barendregt, H.
Barendsen, E.
Benthem, J.F.A.K. van
Bjoerner, D.
Bol, C.
Brune, M
(J.W. de Bakker >)
Buchholz, W.
Cellucci, C.
Cutland, N.J.
Dalen, D. van
Does, J. van der
Eijck, J. van
Engels
Felscher, W.
Foppele, M.
Franchella, M.
Gabbay, D.
Gebellato, S.
Geuvers, H. (IPA)
Iemhoff, R.
Jäger, G.

Kaldeway, A.
Kalnins
Kellerman Deibel
Kohlenbach, U.
Knott, R.
Koornwinder, T.H.
Korevaar, J.
Kroon, F.
Lambalgen , M. van
Linden, E.J. van der
Lint, J. van
Luttik, B.
Meijer, V. (SION)
Meyer, J-J.C.
Millward, H.
Mints, G.
Moerdijk, I.
Moortgat, M.
Moran
Niwinski, D.
Oakes, C.
Pohlers, W.
Queiroz, de
Renardel de Lavalette, G.
Rodenburg, P.
Schaake, J.
Schellinx, H.
Schwichtenberg, H.
(T (OZSL) > Schwichtenberg & Barwise & Uszkoreit & Bjoerner & Doorman)
Sevenster, A.
(R.A. Shore >)
SION
Soravia, D.
Stokhof, M.
Tieszen, R.
Tranah, D.
Visser, A.
Vitanyi, P.
Vries, M. de
Weiermann, A.
Weihrauch, K.

96 Sep-Oct, 96 Oct, 96 Oct-Nov, 96 Nov-97 Jan.

Admiraal, M.
Akama, S.
(ref report on A. by T)
Albada, D. van
K. Apt & A. Visser
K. Apt & H. Barendregt
Barendsen, E.
Barwise, J.
Beklemishev, L.
Benthem, J.F.A.K. van
Berkhof
Bierman, G.
Bjoerner, D.
Bol, C.
Buss, S.
Charbo
Coolen, M.
(> D.H.J. de Jongh)
Curriculum Cie. Wisk
Dalen, D. van
Dijkgraaf, R.H.
Doets, C.
Duis, H.
Felscher, W.
Friedman, D.
Geuvers, H.
Goey, Z.
Goldblatt, R.
Gordeev, L.
Hindley, J.R.
Iemhoff, R.
Iversen, M.D.
Jäger, G.
Janssen, T.M.V.
Jervell, H.
Jongh, D.H.J. de
Kaldewaij, A.
Koning
Koorevaar, J.
Koornwinder, T.H.
Koppelberg, S.
LACS-memorial (Niwinski & Schubert)
Lambalgen, M. van
Linden, E.J. van der
Lint, J. van
Mehl
Mints, G.
Moerdijk, I.
Mundici, D.
Pohlers, W.
Renardel de Lavalette, G.
Roes, N.
Sanchez-Valencia, V.
Schellinx, H.
Schwichtenberg, H.
(T > Schwichtenberg & J. Barwise)
Sevenster, A.
Shore, R.A.
Smith, C.
Stigt, W.P. van
Tanenbaum, A.
Tesconi, L.
Torenvliet, L.
Tranah, D.
Ulsen, P. van
Veldkamp
Visser, A.
Vitanyi, P.
Vries, M. de
Zawadowski, M.
Zwarts, F.
Zwet, van W.

1997

97 Jan-Feb, 97 Feb-Mar, 97 Apr-Jul.

Apt, K.
Bakker, A.
Bakker, J.W.
Barendregt, H.
Benis
Benthem, J.F.A.K. van
(> Ulsen, P. van)
Bernardi, R.
Bethke, I.
Blok, W.J.
Bridges, D.
Buss, S.
Dalen, D. van
Detlefsen
Diller, J.
Doets, H.C.
Dok, D. van
Eijck, D.J.N. van
Felscher, W.
Foppele, M.
Goble, L.
Godkewitsch, A.
Jacobs, B.
Jäger, G.
Janssen, T.M.V.
Jongh, D.H.J. de
Joosten, J.J.
Heederik, R.
Hudelmaier
Knaap, C.
Koppelberg, S. (DVMLG)
Korevaar, J.
Krauss, P.
Kroon, F.
Linden, E.J. van der
Lint, J. van
Longo, G.
Lotty, F.
Moerdijk, I.
Moortgat, M.
Moschovakis, Y.
Mundici, D.
Pauly, M.
Plato, J. von
Pohlers, W.
Prijatelj, A.
Rathjen, M.
Roes, N.
Schellinx, H.
Schenk, C.
Schlimm, D.
Schnater, L.
Schriek, G. van
Schuster, P.
Schwichtenberg, H.
(> Y. Moschovakis & T)
Sevenster, A.

Sectie Wis.
Sloot, P.
Smit, S.
Tieszen, R.
Vaghetti, M.
Verbrugge, L.C.
Vestergaard, R.
Visser, A.
Waaldijk, F.
Willink, B.
Sasaki, S.

Period 2000 – 2009

C. Colleges [Courses, seminars and colloquia conducted by Troelstra]

Below the word "syllabus" has been used, in keeping with dutch usage, to denote detailed lecture notes, in most cases also including proofs of theorems etc.

C0. Lists of exams, participants in courses and colloquia of Troelstra. Numbered according to the year: e.g. C0-69 refers to C69 below. Present are the lists: CO (onbekend, unknown): 2 lists of participants, examination papers.
C74B (examination papers), C80B (examination papers), C80C (examination papers), C83A, C83B (examination papers exam, together with '85, '86), C84A (examination papers),C85 (examination papers), C86, C87 (examination papers), C87 (examination papers), C87A, C88, C88A, C88B, C89 (examination papers), C89D, C90, C91A, C91B, C91C, C91D, C91E, C91B/F (examination papers), C92 (+ examination papers exams), C92A, C93 (+ examination papers exams), C93A (+ examination papers), C94 (+ examination papers), C95, C95A (+ examination papers), C96 (+ examination papers), C97 (+ examination papers), C97A, C98, C98A (+ program), C98B, C98C (+ program).

For the rest all courses are numbered by the year, where Cxy falls in the year 19xy or the academic year 19xy-19x(y+1). **COx**: Onbekend (unknown).

CO1 *Typentheorie*.
Ms., 138 sheets.

C1969 *Functional- and realizability interpretations* (1969 – 1970). Capita selecta intuitionism. Subject: functional and realizability interpretations of intuitionistic formal systems, Utrecht, 2nd semester 1969-1970.
Ms., (syllabus), 159 pp. (bounded).

C1971 *Colloquium automatentheorie* (voorjaar 1971).
Program, 1 sh.

C71A Capita selecta intuïtionisme (1971 – 1972).
Program, 1 sh.

C72 *Collegedictaat intuïtionisme*, (1972 – 1973), 1e semester, (Intuïtionisme inleiding) [intuitionism, an introduction].
a. Ms., (syllabus), 72 pp. (bounded). b. Tentamen van der Hoeven, 1 s.

C74 *Capita selecta intuitionism* (1974 – 1975). Intuitionistic predicate logic and validity.
Ms., (syllabus), 66 + 19 pp. (bounded).

C74A *Einführung in den Intuitionismus*, Freiburg (1974) [Troelstra visiting professor at the Department of Mathematics of the Freiburg University, Federal Republic of Germany].
Ms., 123 sh., (bounded); abstract; correspondence: Suger

C74B *Modeltheorie* (1974 – 1975).

C75 *Capita selecta* (1975 – 1976), 2de semester. Capita selecta intuïtionism, Spring 1976. Metamathematics of intuitionistic arithmetic and analysis, with special attention to the items of constructivization of classical theorems.
Syllabus, ms., 102 + I pp. (bounded).

C75A *Syllabus college inleiding intuïtionisme* (An introduction to intuitionism and constructivity in general) (winter 1975), (revised 1981), (Mathematisch Instituut, Universiteit van Amsterdam, 1975/1981). [These typoscripts = item C76.]
a. stencilled 104 sh. b. stencilled 104 sh. (bounded).

C76 *Intuitionism, An introduction to intuitionism and constructivity in general.* Syllabus van A.S. Troelstra. Mathematisch Instituut, Universiteit van Amsterdam, 1976. (winter 1975, (revised 1981).
1. 108 pp. + corrections, 1 p. + second list of corrections, 1p. [This syllabus = item

C75A].

2. a. list of corrections to course notes 'Intuitionism' by A.S. Troelstra, September 1978), 4 pp. b. pp. 36a, 42a, 37, inlas op blz. 53, 73-78 (10 sh.). c. 1 sh. with notes.

C76A *Intuïtionistische logica, Capita selecta* (1976 – 1977), Amsterdam. Capita selecta intuïtionistische logica, Amsterdam, 2de semester 1976 – 1977. (deel van de stof onveranderd in Utrecht 1980-1981).

Syllabus, ms, 131 + I pp. (bounded).

C76B (with D.H.J. de Jongh) *Filosofie van de wiskunde* (1976 – 1977) [philosophy of mathematics].

Ms., 54 sh. (17 sh. D.H.J. de Jongh, written by Troelstra).

C77 *Algorithmen en berekenbaarheid*; in Vakantiecursus 1977, 'Mathematische logica (algorithmen en hun beperking)', augustus 1977, Mathematisch Centrum, pp. II.1 — II.16. [algorithms and computability].

Cursusboekje (gedrukt), (bounded).

C78 *Capita selecta intuïtionisme* (1978 – 1979), 2de semester,. Amsterdam. Meta-mathematica van type-vrije systemen. [metamathematics of type free systems].

Ms., (syllabus), 48 + 6 pp. (bounded).

C78A *Syllabus Meetkunde* (Mathematisch Instituut, UvA). [geometry].

C79 *Recursie-theorie II* (1979 – 1980), 2de semester.

a. Ms, 73 sh.; b. Exam R. de Groot, 34 sh., with remarks by Troelstra.

C79A *Filosofie van de wiskunde* (1979 – 1980). [philosophy of mathematics].

1. Ms. 67 sh. + 4 sh. collegeaantekeningen (7 – 10-1979 by ??) + 21 copieën 'Brouwerfragmenten' met commentaar door Troelstra + ms. 18 sh. (Troelstra diverse onderwerpen) [copies of Brouwer fragments with comments by Troelstra].
2. a. G. Frege, 'Ueber die Zahlen des Herrn Schubert, Antwort auf die Ferienplauderei des Herrn Thomae'. b. K. Gödel, 'What is Cantor's continuum problem'. c. E. Nagel, 'Logic without ontology'. d. R. Carnap, 'Empiricism, semantics and ontology'. e. A. Robinson, 'From a formalist's point of view'. f. Book reviews (Szabo's The collected papers of Gerhard Gentzen). g. D. Hilbert, 'Probleme der Grundlegung der Mathematik'. h. Drake, sets and languages. i. axiom of foundation, j. tautologies and sets.

C1980 *Intuïtionistische logica, Capita selecta* (1980 – 1981), Utrecht.

Ms., (syllabus), 189 pp. (bounded).

C80B *Meetkunde* (1980). [geometry].

C80C *Intuïtionistische logica I* (1980).

C82 *Intuïtionisme, Capita selecta, semantiek* (1982 – 1983), 2de semester (intuïtionistische modeltheorie).

Ms., (syllabus), 113 sh. + 4 sh. corrections.

C83 (with H.C. Doets) *Inleiding in de wiskunde en verzamelingenleer*, Mathematisch Instituut, Universiteit van Amsterdam, 1983. [introduction to mathematics and set theory].

Syllabus (gestencild), 129 + iii pp., (bounded).

C83A *Capita Intuïtionisme* (1983 – 1984).

C83B *Logica voor informatica studenten* (1983). [logic for students in computer science].

C84 *Lambda-calculus* (1984 – 1985).

Ms., pp. [see also C88A, C89], a. Notes 'Hoofdstuk 3, Modellen', 38 sh. (1984) (2x). b. Notes 'Hoofdstuk 3, modellen' (cursus 1988-1989), 34 sh. c. List of students.

C84A *Reverse mathematics*. (colloquium, 1985 (?)).

1. Ms. (Troelstra) met de aantekening Swaen, 1 – 2-1985 (5 sh.), 15-2-1985 (4 sh.), 1 – 3-1985 (5 sh.) (wellicht een neerslag van een voordracht voor het colloquium door M. Swaen [maybe notes for a lecture by M. Swaen], aan de hand hiervan het collegejaar 1984 – 1985, en de kentekening C84A genomen). Ms., H.C. Doets, Opmerkingen bij Friedman's lemma 4 (3 sh.) [remarks on Friedman's lemma]. Ms., (?) (1 sh.). Verder 9 sh. Troelstra.
2. Copies: a. H.M. Friedman, S.G. Simpson & R.L. Smith, 'Countable algebra and set existence axioms'. b. H. Friedman, 'On the derivability of instantiation properties'. c. G. Simpson, 'Which existence axioms are needed to prove the Cauchy Peano theorem for ordinary differential equations?' d. J. Myhill, 'A note on indicator-

functions'. e. Programma meetkunde seminarium Leiden, dd. 13-2-1985.

C84A *Inleiding in de wiskunde* (1984 – 1985). [introduction to mathematics].

C85 *Course on intuitionism* (Siena, IV – V-1985.

C86 *Intuïtionisme* (1986-1987).

C87 *Introduction to category theory* (1987 – 1988), Course given by A.S. Troelstra. First semester 1987-1988 and 1988-1989. Faculteit Wiskunde en Informatica, Universiteit van Amsterdam, (Roeterstraat 15, 1018 WB Amsterdam, The Netherlands).

a. Ms., 103 sh., (syllabus), (bounded). b. Ms., 137 sh.

C87A *Intuïtionisme I* (1987 – 1988).

C88 *Inleiding categorieëntheorie* (1988-1989), eerste semester (Mathematisch Instituut, Universiteit van Amsterdam), [introduction to categories].

Ms., 80 + 4 (reflections) + 13 (opgaven) sh.

C88A *De lambda-calculus* (1988 – 1989), 1ste semester.

Ms., (syllabus), 80 sh.

C88. *Intuïtionisme Inleiding* (1988 – 1989).

C89 *Lambda-calculus, introductie* (1989 – 1990), (eerdere versies [earlier versions] 1984 – 1985 [C84], 1988-1989 [C88A]).

Ms. 64 + 3 + 4 sh. + ts. 15 + 13 sh.

C89A *Bewijstheorie*, (1989 – 1990), 1ste semester. [proof theory].

Ms. 98 sh. + copy D. Roorda, 'Investigations into classical linear logic' (oct. 25, 1989) + ms. 4 sh. by Troelstra + copy of chapter 10 of Troelstra 1988, 'Constructivism in mathematics'. [op kaft van de opbergmap was tevens vermeld: Bewijstheorie 1997 –1998]. See also item P96A for notes.

C89B *Typentheory* (1989 – 1990), 2de semester.

Ms. 135 sh., (syllabus) + H. Barendrecht, 'Lambda calculi with types', 15 sh. tp. Program.

C89C *Achtergronden van de schoolwiskunde*, (voorjaar 1989) A.S. Troelstra, 'Stromingen in de filosofie van de wiskunde' (16 maart 1989), een college tijdens de cyclus *Achtergronden....*, [introduction to mathematics for secondary schools; trends in the philosophy of mathematics].

1. a. programma; b. ms. Troelstra, 'Stromingen in de filosofie van de wiskunde', 18 sh.; c. pc. R. Hersh, 'Some proposals for reviving the philosophy of mathematics', A. Heyting, 'Die intuitionistische Grundlegung der mathematik', R. Carnap, 'Die logizistische Grundlegung der Mathematik'
2. a ms. Troelstra, 'De grondslagen van de wiskunde' [the foundations of mathematics], 13 sheets; b. mededelingen; c. Troelstra, kort overzicht, 2 sh.; d. corresp.: F. van Lamden + college-aantekeningen 'Stromingen in de filosofie van de wiskunde'.

C89D *Bewijstheorie* (1989 – 1990), [proof theory].

See for the ms. A.S. Troelstra, 'Bewijstheorie (proof theory), 1e semester 1989-1990' under Publications, item P1996A.

C1990 *Intuïtionisme, semester I* (1990 – 1991).

C91. *Capita selecta*, Realizability (1991 – 1992).

Ms. 75 sh.; copies from Troelstra & van Dalen, 'Constructivism in mathematics', I & II': pp. 472–489, 444–457, 196–202, 456, 157–160 + ts. 16 sh.

C91A *Lineaire logica* (1e helft 1991).

C91B *Logica D1* (voorj. 1991).

C91C *Logica en grondslagen* (1991 – 1992), [logic and foundations of mathematics].

C91D *Lambda-calculus* (1991 – 1992).

C91E *Constructivisme en bewijstheorie* (1991 – 1992). [constructivism and proof theory].

C91F *Logica D1* (1991 – 1992).

C92 *Logica D1* (1992 – 1993).

C92A *Constructivisme en bewijstheorie* (9192 – 1993).

C93 *Logica voor wiskundigen* (D1) (1993 – 1994, trim III).

C93A *Constructivisme en bewijstheorie* (1993 – 1994).

C94 *Constructivisme en bewijstheorie* (1994 – 1995, trim 1).

C1995 *Bewijstheorie* (blok logica) (1995 – 1996).

C95A *Lambda-calculus* (1995 – 1996, trim 3).

C96 *Lambda-calculus* (1996 – 1997, trim 3).

C97 *Bewijstheorie* (1997 – 1998).
C97A *Constructivism* (1997 – 1998).
C98 *Lambda-calculus* (1998, voorj.).
C98A *Lambda-calculus* (1998 – 1999, trim. III).
C98B *Proof theory* (1998 – 1999, trim II).
C98C *Constructivism* (1998 – 1999, trim III).

Group D. Diversen [Miscellaneous]

D1 *Congresses attended by Troelstra* (invited speaker at the meetings marked with *).
D1.O Congresses not attended by Troelstra, etc.:
a. Symposium on 'Perspectives in the philosophy of mathematics' 1971(?). Correspondence: P. Suppes.
b. 'Constructive mathematics', (New Mexico State U., 11 – 15-VIII-1980). Announcement & program. Correspondence: W. Julian & R. Mines & F. Richman.
c. AMS summer research institute, (Cornell University, 28-VI – 16-VII-1982). Correspondence: A. Nerode & R.A. Shore.
d. '7th International Congress of logic, methodology and philosophy of science', (Salzburg, 11-VII – 16-VII-1983). Announcement; correspondence: S. Feferman, P. Weingarten
e. Category theory at Loewenberg manor, (Fribourg, 23 – 28-VII-1984). Announcement.
f. Logiktagung (?) (1986 ?)
g. 'Logical foundations of computer science', (Pereslavl-Zalessky, 2 – 9-VII-1989). Program, announcement. Correspondence: A.K. Ailamazian.
h. E. Börger, etc. *Computer Science Logic, Dagstuhl-Seminar-Report* 13 – 17-VII-1992.
i. 'Semantic foundations of proof-search', (Schloss Dagstuhl, 1 – 6-IV-2001). Registration, announcement.
j. Oberwolfach, 19??. Correspondence: W. Felscher.
k. 2d. Brouwer Conference. Correspondence: H. Ishihara.
D1.AMC 'Amsterdam (A) – Münster (M) contact'.
Programs from 1979 to 1998 (ordered chronologically): 1979 M, 1982 M, 1986 M, 1986 A, 1988 M, 1988 A, 1989 M, 1989 A, 1990 M, 199x? A, 1994 M, 1995 A, 1996 M, 1998 M.
D1.LIC 'Logic Intercity [Amsterdam, Utrecht] Colloquium', 'Logic Intercity Seminar'.
Programs from 1978 to 1991 (ordered chronologically). Mailing list; 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991 (Logic Colloquium ILLC).
D1.1966* 'European Logic Colloquium', Hannover.
D1.67 'Summer Institute on Axiomatic Set Theory', (Los Angeles, California).
Participants.
D1.67A* 'International Congress on Logic, Methodology and Philosophy of Science' (ICLPMS), (Amsterdam, (3rd ICLPMS), 25-VIII – 2-IX-1967).
Program.
D1.68 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 1 – 6-IV-1968).
Participants + abstracts.
D1.69 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 23 – 29-III-1969).
Participants + abstracts.
D1.1970* '2nd Scandinavian Logic Symposium', Oslo.
D1.71* 'European Logic Colloquium', Cambridge.
D1.71A 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 29-III – 3-IV.
D1.73 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut),, 8 – 3-IV.

D1.74 'Intuitionistische Metamathematik', (Oberwolfach, 27-I – 2-II-1974). Troelstra (and G.H. Müller) Tagungsleiter.

6. participants; b. correspondence: M. Barner, E.G.K. Lopez-Escobar, W. Maass (> G.H. Müller), G.H. Müller, H. Osswald, G.H. Pfeiffer (> Müller), W. Pohlers, Schulte (G.H. Müller >).
7. This meeting was devoted to Springer Lecture Notes in Mathematics 344, 'Metamathematical investigation in intuitionistic arithmetic and analysis' (A.S. Troelstra editor).

D1.74A 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 21 – 27-IV-1974).
Participants + abstracts.

D1.75 'Mini-congress on mathematical logic', (Amsterdam (Math. Inst.), 13 – 14-III-1975).
Program.

D1.75A 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 20 – 26-IV-1975).
Participants + abstracts.

D1.1975B* 'European Logic Colloquium', (Clermont-Ferrand, 15 – 26-VII-1975).
Correspondence: W. Mercouroff, J. Mirabel, M. Guillaume.

D1.75C* 'International Congress on Logic, Methodology and Philosophy of Science' (ICLPMS), London, Ontario, (5th ICLPMS).

D1.75D 'Mini-congress on mathematical logic', (Amsterdam, 13 – 14-III-1975).
Announcement.

D1.76 'European Logic Colloquium', (Oxford, 19 – 30-VII-1976) (together with 25th anniversary of Studies in Logic).
a. participants; b. program; c. correspondence: E. Fredriksson (> R. Gandy & D. Scott), R. Gandy & D. Scott, D. Scott (> E. Fredriksson).

D1.76A 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 11 – 17-IV-1976).
Participants + abstracts.

D1.77* 'Conference on Modern Logic', (Rome, 26-IX – 1-X-1977). [see also P80A].
a. program; b. participants; c. correspondence: E. Agazzi & V. Cappelletti, V. Cappelletti, G.E. Viola, J. van Witsen (> ?).

D1.78 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut, 2 – 8-IV-1978).
Participants + abstracts.

D1.78A* 'The Kleene Symposium', (Madison, Wisconsin, 18 – 24-VI-1978).
a. participants; b. program; c. information about Madison; d. correspondence: J. Barwise,

D1.78B* 'European Logic Colloquium', Mons.

D1.79 'Leven en werk van Christiaan Huygens', (Amsterdam, 22 – 25-VIII-1979), [life and work of Christiaan Huygens].
a. program; b. participants.

D1.79A* 'Italian National Logic Conference', (Montecatini, 1 – 5-X-1979).
a. program; b. correspondence: S. Bernini (SILPS), G. Toraldo di Francia (SILPS)

D1.79B 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 22 – 28-IV-1979).
Participants + abstracts.

D1.1980 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 20 – 26-IV-1980).
Participants + abstracts.

D1.80A 'Konstruktive Mengenlehre und Typentheorie', (München (Math. Inst.), 28-IX – 4-X-1980).
Correspondence: U. Schmerl, H. Schwichtenberg.

[D1.80B* 'European Logic Colloquium', (Prague). Conference cancelled, but Proceedings published.]
Correspondence: S. Feferman (ASL) (>< A. Kufner), P. Hajek, P. Hajek & P. Vopenka, P. Pudlák, President Czechoslovak Academy of Sciences (T >).

D1.81 'The Brouwer Centenary Symposium', (Noordwijkerhout, 8 – 13-VI-1981).

(Troelstra organizer).
a. Announcement, registration formula.
b. Registrations of participants.
c. A.S. Troelstra, 'Introduction to the conference'; list of contributed papers.
d. Abstracts of lectures: P. Aczel, M. Beeson, D.S. Bridges, M.P. Fourman, G.K. Gargov, J.R. Geiser, M. Gelfond, R. Grayson, S. Hayashi, G. Heinzmann, Ch. Hennix, A. Hill, M. Hyland, D. Isles, A. Kucera, J. Lambek, J. Lodder, M. Margenstern, R. Mines, H. Ono, C. Rauszer, F. Richman, J. Rosenzweig, W. Ruitenberg, A. Scedrov, A. Scedrov & Ph. Scott, G. Sundholm, G. Takeuti & S. Titani, W. Veldman, A. Visser, A.S. Yessenin-Volpin.
e. Correspondence (overview of item D1.81): P. Aczel, American Council of Learned Societies, Bishop, J.M. Bolwerk (Leeuwenhorst Congres Center) (> C. Kooymans), D.S. Bridges, J.B. Burgess, D. van Dalen (> J.M. Bolwerk (Leeuwenhorst Congres Center)), Ch.N. Delzell (+ description proposed research), J. Diller, H. Friedman, G.K. Gargov, HS. Hayasi, W.A. Howard, S.C. Kleene, KNAW (Bestuur, J. Th. A. Klarenbeek), G. Kreisel, V. Lifschitz, V. Lifschitz & M. Gelfond, J.H. van Lint, R. Mines, G. Mints (+ abstracts? Mints, N.N. Nepeivoda), G. Pottinger, F. Richman, H. Schwichtenberg, D . Scott, G. Taukeuti (+ research plan Takeuti), Titani.

D1.81A. 'Modelle der intuitionistischen Analysis', (Münster, 22 – 28-III-1981).
Correspondence: J. Diller (> H.G. Carstens & K. Potthoff & J. Thiele).

[D1.81B 'The present state of the problem of foundations of mathematics', (Florence, 15 – 19-V-1981). Troelstra not present because of illness.]
a. participants; b. program; c. correspondence: E. Casari, G., Mancassola, M. Piatelli-Palmarini, G. Toralda di Francia & M. Piatelli-Palmarinio.

D1.82 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Institut), 18 – 23-IV-1982).
Participants + abstracts.

D1.82A * 'Congress on the History of Logic', (San Gimignano, 4 – 8-XII-1982).
a. program; b. correspondence: V.M. Abrusci, E. Casari.

D1.83 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 17 – 23-IV-1983).
Participants + abstracts.

D1.84 'European Logic Colloquium', (Manchester, 15 – 24-VII-1984).
Program + participants.

D1.84A 'Peripatetic seminar on sheaves and logic', (Amsterdam, 16 – 17-VI-1984).
Announcement + registration.

D1.85 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Institut, 12 – 26-X-1985).
Participants + abstracts.

D1.85A 'Festkolloquium aus Anlass der 100. Wiederkehr des Geburtstages des Institutsgründers H. Scholz', (Münster, 8 – 9-II-1985).
Announcement.

D1.86 'Church's thesis after fifty years', (Zeist, 13 – 6-VI-1986).
a. announcement; b. participants; c. program.

D1.86A 'Robin Gandy Conference', (Gregynog, 22 – 24-IX-1986).
a. announcement; b. participants; c. program; d. correspondence: M. Yates.

D1.87 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungs-institut), 19 – 25 -IV-1987).
a. program + participants; b. correspondence: M. Barner.

D1.87A * 'Incontri di Logica Matematica on the Foundations of mathematics', Siena.

D1.88 'Conference on mathematical logic, dedicated to the 90th anniversary of Arend Heyting', (Chaika, 13 – 23-IX-1988).
a. invitations; b. announcement (program + participants), declarations; c. correspondence: V. Goranko, P.P. Petkov (> J.F.A.K. van Benthem).

D1.88A 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungs-institut), 6 – 12-XI-1988). Troelstra Tagungsleiter.
Participants + abstracts.

D1.89 'Symposium lineaire logica', (Utrecht, 21-X-1989 (Ned. Ver. Logica)).
Announcement.

D1.1990* 'International Congress on New Problems in Logic and the Philosophy of Science', ('Nuovi problemi della logica e della filosofia della scienza'), (Viareggio, 8 – 13-I-1990).
Correspondence: G. Corsi, M.L. Dalla Chiara.

D1.90A 'Second European summer school in language, logic and information', (Leuven, 30-VII – 10-VIII-1990).
Program, registration.

D1.90B 'Tagungen Mathematische Logik', (Oberwolfach, (Mathematisches Forschungsinstitut), 16 – 22-XII-1990). Troelstra Tagungsleiter.
a. program + abstracts; b. correspondence: M. Barner.

D1.91 'Logic in Computer Science 91', (Amsterdam).

D1.91A 'Computer Science Logic '91', (Berne, Switzerland, 7 – 11-X-1991).
a. program; b. announcement; c. correspondence: G. Jäger.

D1.92 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 12 – 22-IV-1992). Troelstra Tagungsleiter.
a. participants + abstracts; b. correspondence: M. Barner, H. Schwichtenberg (> Felscher & Troelstra).

D1.92A 'Computer Science Logic '92', (San Miniato, Italy, 28-IX – 2-X-1992).
Announcement, program, registration.

D1.92B 'Joint International Conference and Symposium on Logic Programming', (Washington, DC., 9 – 14-XI-1992).
a. program; b. abstract A.S. Troelstra, *Tutorial on linear logic* (ms. 2 sh. + ts. 1 sh.); c. registration; d. Troelstra's expenses; e. correspondence: K.R. Apt.

D1.92C 'Meaning theory and intuitionism', (Leiden, 23 – 27-IX-1992).
Announcement; correspondence: B.G. Sundholm.

D1.93 'Workshop on Constructivity and Computation', (Driebergen, 27-VI – 3-VII-1993), (organizers; A.S. Troelstra, R. Hoofman). [see also G2, 'Logic Year'].
a. *Verslag workschop 'Constructivity and computation'* 1 sh.
b. Announcement; maps; participants; programme.
c. Abstracts: S. Buss, S. Feferman, G. Jäger, G. Mints, Y. Moschovakis; general information; verslag workshop Constructivity and computation.
d. Correspondence (letters, emails): S. Buss (K. Schoot), D. van Dalen (> Feferman, > R. Hoofman), A. Feferman, S. Feferman, R. Hoofman, B. Jacobs (> E.J. van der Linden), E.J. van der Linden (> Y. Moschovakis), G. Mints, Y. Moschovakis (> R. Hoofman), J. Zucker.

D1.93A 'Category Theory in Computer Science', (Amsterdam (CWI), 7 – 10-IX-1993).
General information, program; correspoondence: A. Baanders.

D1.93B* 'Non-classical Logics in Computer Science', (Schlosz Dagstuhl, Wadern bei Saarbrücken, 20 – 24-IX-1993).
a. V. Marek, etc, *Seminar report*; b. program; general information; c. Troelstra's registration; d. participants; e. correspondence: P.H. Schmidt, R. Wilhelm.

D1.93C 'International conference on typed Lambda calculi and applications', (Utrecht, 1–18-III-1993).
Call for registration + programme.

D1.94* 'International Conference on Proof Theory, Provability Logic and Computation', (Bern, Switzerland, 20 – 24-III-1994).
7. program; b. general information; c. announcement.

D1.94A Logic and argumentation (Academy Colloquium), (Amsterdam, 14 – 17-VI-1994)

D1.95 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 2 – 8-IV-1995). Troelstra Tagungsleiter.
a. Abstracts + participants.
b. Correspondence (letters, e-mails): W. Felscher (>< H. Schwichtenberg, T & Schwichtenberg), J.F. Groote, R. Hindley, Y. Moschovakis (> T & Schwichtenberg), H. Schwichtenberg (> M. Kreck, > Y. Schetz, > T & Y. Moschovakis, > T & Felscher), T (> Schwichtenberg & Y. Moschovakis).

D1.96 'SMC50' (Stichting Mathematisch Centrum 50 jaar), (Amsterdam, 6 – 7-II-1996)

[Centre for mathematics 50 years].
Announcement (program).

[D1.96A 'Helena Rasiowa Memorial Days on Logic, Algebra and Computer Science' (Warschau (Stefan Banach Internatinal Mathematical Center), 2 – 22-XII-1996). A.S. Troelstra was invited speaker, but not present because of illness.]
Correspondence: B. Jakubczyk, D. Niwinski.

D1.98 'Tagungen Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 18 – 24-I-1998). Troelstra Tagungsleiter
a. abstracts + participants; b. program; c. registration formula; d. correspondence: M. Kreck.

D1.98A 'Arend Heyting Centenary', (Amsterdam, 25-IX-1998, Utrecht, 26-IX-1998 (with Nederl. Ver. Logica).
Program (ILLC, VVL).

D1.99 'Contructivism in mathematics and computing, Honorary symposium for Anne S. Troelstra at his 60th birthday' (Noordwijkerhout, 16 – 18-IX-1999).
Program.

D1.2002 'Mathematische Logik', (Oberwolfach (Mathematisches Forschungsinstitut), 7 – 12-IV. Troelstra Tagungleiter.

D2. *Recommendations*:
AshviniKumar, M. Beeson, J.F.A..K van Benthem, D.S. Bridges, Bowen, A. Dragalin, D. Gabbay, N.D. Goodman, R.J. Grayson, S. Hayashi, W.A. Howard, G. Kreisel, D. Leivant, G. Longo, H. Luckhardt, G.E. Mints, Mines, Moschovakis, J. van Oosten, C.J. Posy, W.C. Powell, A. Prijatelj, Ch. Retoré, F. Richman, P. Rodenburg, W. Ruitenberg, D. Scott, C.A. Smorynski, W. Sieg, R. Statman, L.C. Verbrugge, A. Visser, Weglorz, J. Zucker.

D3. *University of Amsterdam, Mathematics*:
a. Appointments: D.H.J. de Jongh, C. Smorynski, T. Toutenhoofd, A.S. Troelstra.
b. Appointments, AIO's (promotiemederwerkers, PhD students), [see also G5]: M. Beeson, J.F.A.K. van Benthem, I Bethke, S. Speek, H . Schellinx., W. Veldman.
c. Students.
d. Foreign students and scholars: Ch. Bennet, O. Dehmut, P. Filipec, M. Fris, L. Gordeev, N. Greenleaf, T. Inoué, J. Krolikoski.
e. Overige faculteitszaken: A.S. Troelstra, Y. Venema, J. van Witsen.

D4. *University of Amsterdam, Mathematics,* [see also under group G4].
a. Vakgroep Logica en Grondslagen van de Wiskunde (department logic and foundations of mathematics) (chronologically, on year): 1971, 1974 – 1979, 1981 – 1983.
b. ITLI (Instituut voor Taal, Logica en Informatica (Computer Science)) [Intitute for Language, Logic and Informatics]: studierichting logica (1991).
c. Reorganizations) doctorale studie wiskunde (studies in mathematics) (1974).
d. Reorganizations: doctorale studie wiskunde (1993).
e. [1995, 1997] Appointments: A. Visser; successions: Troelstra; miscellaneous ILLC (Institute for Language, Logic and Computation), opleiding, OZSL (Onderzoeksschool logica) [Research School in Logic], (mostly correspondence J.F.A.K. van Benthem >< Troelstra), Spinoza-project (Dekker, Venema).

G. Genootschappen [Organizations; membership of societies etc.]

G0. *Miscellaneous*:
a. 'Logic Intercity Colloquium', 'Logic Intercity Seminar': programs from 1978 to 1991, see under group D1.LIC.
b. 'Amsterdam–Münster contact': programs from 1979 to 1998, see under group D1.AMC
c. Organization of 'Tagungen Mathematische Logik, Mathematisches Forschungsinstitut Oberwolfach': see under group D1 and under B (W. Felscher, H. Schwichtenberg, Y.N. Moschovakis)
d. Organization of 'The Brouwer Centenary Symposium': see under group R1 and under D1.1981.

G1. *Beth, Heyting*.

G1.1. *E.W. Beth Foundation*.

Ordered on year: 1979 (charter of foundation (1976), A.S. Troelstra elected as a member of the council of the Beth Foundation (1979)), 1980 – 1997. Correspondence (overview): Announcements of E.W. Beth Lectures, N. Aloni (KNAW), D.C.J. Bakkes (van Gorcum) (> E.M. Barth), E.M. Barth (> Coll v. Bestuur RUU, > A. Kuipers (Reidel), G.J.A.M. Bolten (Rijksarchief) (> E.M. Barth), J.W. Bouwman (Beth St), S.J. Doorman (T>), P. van Emde Boas (>< S. Feferman), D. Everts, S. Feferman, H. Freudenthal, R. ten Have(Beth St) (T >), A.J.M. van Hoof, E.J. van Kervel, J.Th. Klarenbeek (director of the KNAW), H.J.A.H.G. Metselaars (Rijksarchief), (J.W. Bouwman), J.J.A. Mooij (> K.P. Bos), Netwerk Logica, Notes of the meetings of the council of the Beth Foundation and other meetings (Reidel), J. Peijnenburg (Beth St), Z. Prochot (director of the Polish Ac. of Sci.), P. Regout (KNAW), J.C.A.P. Ribberink, P.A. Smit, F.A. Stafleu, Ubbink (> E.M. Barth), P. van Ulsen, K. Vrieze (> E.M. Barth), P. Wouters (> J.W. Bouwman). Lecture Agazzi (1994).

G1.2. *A. Heyting* (Stichting, foundation).

Correspondence: Bestuur KNAW, R. Minio, F. Verhulst.

G2. *Logic Year: 1993*. (Constructivism and computation): See also D1.1993, 'Workshop on constructivity and computation'.

a. Correspondence (overview): Bestuur TLI, S. Buss, D. van Dalen, S. Feferman, B. Jacobs, G. Jaerger, J. van Leeuwen (TLI), E.J. van der Linden, G. Mints, Y. Moschovakis, Pohlers. Information boarding houses.

b. Logic Year (in general). Correspondence (overview): S. Buss, D. van Dalen, M. Fermé (Fac. Wisk.), B. Jacobs, I. Moerdijk (> J. Bénabon). Announcements, information, begroting.

G3. *Deutsche Vereinigung für mathematische Logik und Grundlagenforschung der exakten Wissenschaften* (DVMLG). (ordered on year: 1976 – 1994).

Correspondence (overview): J. Diller, H.D. Ebbinghaus, G. Müller, A. Oberschelp, H. Pfeiffer, Potthoff, M.M. Richter.

G4. *LSGW, LSVL, LLII, Onderzoeksschool Logica* (OZSL-research school for logic) (ordered on year: correspondence, meetings); 1995–1997: A.S. Troelstra scientific director of the OZSL.

a. Landelijk Samenwerkingsverband Grondslagen van de Wiskunde (LSGW): 19??; Landelijk Samenwwerkingsverband Logica (LSVL): 1982, 1983, 1986; Onderzoeksinstituut voor Logica (LLII): 19??.

b. Onderzoeksschool Logica (OZSL): [1992 (openingsmanifestatie, founding/ inauguration of the OZSL)]

Correspondence 1993 – 1996 (overview, no names of recipients): abstracts (of lectures: S.N. Artemov, J. Bergstra, M. Moortgat, A.S. Troelstra), Agendas of meetings, K. Apt, H. Barendregt, R. Bartsch, J.F.A.K. van Benthem, M. Bezem, D. Bridges, College van Bestuur (U Utrecht), CWI (SMC), D. van Dalen, H. van Ditmarsch, J. van Eijck, Erkenningscie Onderzoekscholen, H. Geuvers, F. Groen, P.H. Hartel, T. Janssen, R. Kellerman, P. Klint, Letteren (arts & letters) (U Utrecht), Letteren (arts & letters) (UvA), E.J. van der Linden (secr. OZSL), B. Luttik, J.J. Meyer, Minutes of meetings, I. Moerdijk, M. Moortgat, J. Parijs, Psychologie (UvA), G. Renardel de Lavalette, Recognition of the OZSL, Regulations, Survey, H. de Swart, W. Veldman, A. Visser, M.W. de Vries, VSNU, Wisk en Informatica (mathematics) (UvA), Wijsbegeerte (philosophy) (UvA), T. Zwaagstra.

G5. *Nederlandse Organisatie voor Zuiver Wetenschappelijk Onderzoek* (ZWO, NWO) [dutch organization for scientific research], Nederlandse Stichting voor de Wiskunde SMC (Stichting Mathematisch Centrum). All the items a – g under G5 are ordered chronologically.

a. ZWO: stipendium A.S. Troelstra for a stage in the USA (Stanford); correspondence. Ts., A.S. Troelstra, *Wetenschappelijk verslag betreffende verblijf in de V.S. gedurende de periode 15-9-1966 tot 15-8-1967 (eindrapport*). Correspondnce:J.H. Bannier (ZWO), H.G.A. Korteweg (ZWO), Slavenburg's Bank, ZWO; reports, expenses and notes by Troelstra.
b. ZWO: project 'interior algebras and modal logic' (1976-1977, 1977-1978; W.J. Blok, J.F.A.K. van Benthem). Correspondence: R. van Lieshout (ZWO), ZWO; applications for grants, reports by Troelstra.
c. ZWO: project 'intuitionistic formal systems and self application' (1979-1983, G.R. Renardel de Lavalette). Correspondence: J.C.P. Bus (SMC), SMC, ZWO; applications for grants, reports by Troelstra.
d. ZWO: Huygens-stipendium (1986- , I. Moerdijk); Pionier-aanvraag: 'Sheaves and logic' (I. Moerdijk). Correspondence: P.C. Baayen (SMC), I. Moerdijk (> P. Mostert), H.J. van der Molen (ZWO)P. Mostert (SMC); applications for grants by Troelstra, D. van Dalen, H. Barendregt, I. Moerdijk, reports by Moerdijk.
e. ZWO: onderzoek 'topos-theoretische modellen van synthetiche differentiaal meetkunde' (juni-augustus 1984, G.E. Reyes). Correspondence: R. van Lieshout (ZWO), G.E. Reyes, W.J. Toet (ZWO), ZWO; reports, application for a grant by Troelstra.
f. NOW: Onderzoek naar 'graden van effectieve en globale interpreteerbaarheid' (1993-1994, L.C. Verbrugge). Correspondence: P. Lindström (> Verbrugge), L.C. Verbrugge (> Lindström); report and application for a grant by L.C. Verbrugge.
g. SMC: Intuitionistic mathematics and applications (1982-1992, groepen mathematische logica in Utrecht (van Dalen) en Amsterdam (Troelstra)). Correspondence (overview): P.C. Baayen (SMC), J.C.P. Bus (SMC), H. van Dommelen, (ZWO), P.J. Hoogendoorn, I. Moerdijk (> P.J. Hoogendoorn (SMC)), Moerdijk & T (>< H.J.M. Wijers (SMC)), SMC, Subf. Wisk, J. van Witsen (> P. Mostert (SMC)), ZWO, reports and applications for grants by Troelstra, van Dalen.

8. Miscellaneous. Correspondence: SMC, ZWO; reports by Troelstra (Barendrecht, van Dalen)

G6. *National Science Foundation, USA*.
Correspondence: 'proposals to the National Science Foundation' and 'Proposal evaluation forms' (with M. Beeson, S. Feferman, G. Kreisel, M. Mandelkern, P.H. Scowcroft, W. Sieg, Yesenin-Volpin).

P. Publicaties [Publications]

In the file for each publication we have brought together all material connected with the publication; but see also group D1 for information on the congress where the lecture was delivered which resulted in the paper in the congress proceedings, correspondence concerning the invitation, etc. For lectures not resulting in a publication (but with manuscripts, etc.) see under group V; for congresses attended by Troelstra which did not result in a paper (or a lecture) see also under group D. The order of the publications is chronological. The order within an item is for the archive and the index not always the same. E.g, we give the correspondence apart in the index, but in the archive it may be found between, let say, the manuscripts. In that case the index gives some indication.

Abbreviations: CWI: Centrum voor Wiskunde en Informatica (Centre for Mathematics and Informatics). ILLC: Institute for Logic, Language and Computation. ITLI: Instituut voor Taal, Logica en Informatica (Institute for Language, Logic and Informatics). ML: Mathematische Logica (Mathematical Logic). Studies in Logic: Studies in Logic and the Foundations of Mathematics.

PD. a. Publications: diversen (miscellaneous), verzendlijsten (mailing lists). b. Bibliography, cv of A.S. Troelstra.

P1965 Over een stelling van P. Zeeman en een stelling uit de affiene meetkunde (Dutch), *Nieuw Tijdschrift voor Wiskunde* 52, 132–136. [on a theorem of P. Zeeman and a theorem for affine geometry].
Correspondence: editors NTW.

P65A On intermediate propositional logics, *Indagationes Mathematicae* 27, 141–152.
a. offprint, cover: European atomic energy community-Euratom; b. corrections; c. correspondence: Edita (KNAW), F. van Scheepen, C.L.D. Sidet (Euratom publ.).

P66 *Intuitionistic general topology*, Ph.D. thesis, University of Amsterdam. 112 pages.
a. Ms., 55 sh voorstudie (preliminary version, Dutch). b. Mailing list. c. Correspondence (congratulations): P.C. Baayen, K.L. de Bouvère, D. van Dalen, H. Freudenthal, R.E. Vesley.

P66A (with D.H.J. de Jongh) On the connection of partially ordered sets with some pseudo-boolean algebras, *Indagationes Mathematicae* 28, 317–329.

P67 Intuitionistic continuity, *Nieuw Archief voor Wiskunde,* 3rd series 15, 2–6.

P67A Finite and infinite in intuitionistic mathematics, *Compositio Mathematica* 18, 94–116.
Correspondence (corrections): J.C.H. Gerretsen..

P67B Intuitionistic connectedness, *Indagationes Mathematicae* 29, 96–105.

P68 The theory of choice sequences, in: B. van Rootselaar, J.F. Staal (eds), *Logic, Methodology and Philosophy of Science III*, (Studies in Logic), North-Holland Publ. Co., Amsterdam, 289–298. [see also V67].

P68A The use of 'Brouwer's principle' in intuitionistic topology, in: H.A. Schmidt, K. Schütte, H.-J. Thiele (eds), *Contributions to mathematical logic. Proceedings of the Logic Colloquium, Hannover, 1966*, (Studies in Logic), North-Holland Publ. Co., Amsterdam, 289–298. [see also V66A].
Ts., corrections: 1 sh.

P68B The scientific work of A. Heyting, *Compositio Mathematica* 20, 3–12.
Correspondence (Heyting Volume of Comp. Math., etc.): M.M. Berenschot (secr. Dijkman), G.W. Decnop, R. Dufour (curator UvA), D. Harting (voorz. W&N UvA), J. van der Hoeven (rector mognificus UvA), B. van Rootselaar, J.G. Schaap (Comp. Math.), D. Scott, A. van Wijngaarden.

P68C New sets of postulates for intuitionistic topology, *Compositio Mathematica* 20, 211–221.
Ts., 12 sh.

P68D One-point compactifications of intuitionistic locally compact spaces, *Fundamenta Mathematicae* 62, 75–93.
Correspondence: K. Borsuk (Fund. Math.), editors Fund. Math.

P69 Informal theory of choice sequences (with summaries in Russian and Polish), *Studia Logica* 25, 31–52. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P69A *Principles of intuitionism. Lectures presented at the Summer Conference on Intuitionism and Proof Theory (1968) at SUNY at Buffalo, N.Y.*, Springer-Verlag, Berlin. 111 pp.
a. review by Heyting; b. correspondence: I. Kolb (secr. Of K. Peters, Springer), K. Peters (Springer), E. Pfisterer (Springer), J. Tesch (Springer).

P69B Notes on the intuitionistic theory of sequences (I), *Indagationes Mathematicae* 31, 430–440.
Corrections: 1 sh.

P1970 (with G. Kreisel) Formal systems for some branches of intuitionistic analysis, *Annals of Mathematical Logic* 1, 229–387.
Correspondence: A. Mostowski.

P70A (with D. van Dalen) Projections of lawless sequences, in: J. Myhill, A. Kino, R.E.Vesley (eds), *Intuitionism and Proof theory*, (Studies in Logic), North-Holland Publ. Co., Amsterdam, 163–186.

P70B Notes on the intuitionistic theory of sequences (II), *Indagationes Mathematicae* 32, 99–109.

P70C Notes on the intuitionistic theory of sequences (III), *Indagationes Mathematicae* 32, 245–252.

P71 Notions of realizability for intuitionistic arithmetic and intuitionistic arithmetic in all finite types, in: J.E. Fenstad (editor), *Proceedings of the second Scandinavian Logic Symposium*, (Studies in logic), North-Holland Publ. Co., Amsterdam, 369–425. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P71A An addendum, *Annals of Mathematical Logic* 3, 437–439.

P71B Intuitionisme (Dutch), *Wijsgerig perspectief op Wetenschap en Maatschappij* 11, 255–267.

Correspondence: N. van Gelder (Wijsg. Persp.), M.A. Maurice.

P71C *Computability of terms and notions of realizability for intuitionistic analysis*. Report 71–02, Department of Mathematics, University of Amsterdam. 60 pp.

P73 (with C.A. Smorynski, J.I. Zucker, W.A. Howard) *Metamathematical Investigation of intuitionistic Arithmetic and Analysis*, (Lecture Notes in Mathematics, vol. 344), Springer Verlag, Berlin, 1–323. Chapters I–IV were written by A.S. Troelstra. A 2nd corrected edition appeared in 1993, as a report: ILLC Prepublication Series X–93–05, Universiteit van Amsterdam.

a. preliminary description, 8 sh.; b. correspondence: C. Byrne (Springer).

P73A Notes on intuitionistic second-order arithmetic, in: A. R. D. Mathias, H. Rogers (eds), *Cambridge Summer School in Mathematical Logic*, (Lecture Notes in Mathematics, vol. 337), Springer Verlag, Berlin, 171–205.

P74 Note on the fan theorem, *The Journal of Symbolic Logic* 39, 584–596.. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P74A *Corrections and additions to 'Metamathematical Investigation of intuitionistic Arithmetic and Analysis'*. Report 74–16, Department of Mathematics, University of Amsterdam, 26 pp.

P75 Non-extensional equality, *Fundamentae Mathematicae* 82, 307–322.

P75A Markov's principle and Markov's rule for theories of choice sequences, in: J. Diller, G. H. Müller (eds), *Proof Theory Symposium Kiel 1974*, Springer Verlag, Berlin, 370–383. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P77 Some models for intuitionistic finite-type arithmetic with fan functional, *The Journal of Symbolic Logic* 42, 194–202.

P77A Axioms for intuitionistic mathematics incompatible with classical logic, in: R. Butts, J. Hintikka (eds), *Logic, Foundations of mathematics and Computability Theory* (Part One of the Proceedings of the Fifth International Congress on Logic, Methodology and Philosophy of Science; London, Ontario, Canada 1975), (The University of Western Ontario Series in Philosophy of Science, vol. 9), Reidel, Dordrecht, 59–84.

P77B Completeness and validity for intuitionistic predicate logic, in: M. Guillaume (editor), *Colloque international de Logique, Clermont–Ferrand 18–25 juillet 1975*, Éditions du C.N.R.S, Paris (Colloques internationaux du Centre National de la Recherche Scientifique nr. 249) 39–58.

Correspondence: M. Guillaume.

P77C Special instances of generalized continuity which are conservative over intuitionistic arithmetic, *Indagationes Mathematicae* 39, 55–65.

P77D *Choice Sequences, a Chapter of Intuitionistic Mathematics*, (Oxford logic guides), Clarendon Press, Oxford. 170 pp.

a. Correspondence (with Oxford University Press) in the archive ordered chronologically (in the index chronologically (year) and within a year alphabetically): 1974: D.S. Scott. 1975: agreement; L.A. Blizzard, V.C. Boone, J. Bridge (?), D.S. Scott; corrections 7 sh. 1976: M. Barton, V.C. Bone, S.A. Milford, A. Steiner; corrections, review list in the correspondence. 1977: V.C. Bone, A. Steiner; mailing lists in the correspondence. Past 1977: M. Gilchrist (2d edition P77D?).

b. Review of P77D by R.E. Grandy in 'History and Philosophy of Logic' 4, (1983), 241 – 243.

c. Italian version [P1977D*] (Feltrinelli, Milaan; Bibliopolis, Napels): is never realized.

c1. Corrections English version 10 sh. Ts. of the italian version [P1977D*], 221 sh.

c2. Correspondence on the Italian version (with 11 sh. corrections): V.C. Bone, F. del Franco, C. Johnson-Gilbert.

P77E A note on non-extensional operations in connection with continuity and recursiveness, *Indagationes Mathematicae* 39, 455–462. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P77F Aspects of constructive mathematics, in: K.J. Barwise (editor), *Handbook of*

Mathematical Logic, (Studies in Logic), North-Holland Publ. Co., Amsterdam, 973–1052. [see also group R2].

Correspondence: W.Th. van den Heuvel (North-Holland).

P78 Appendix to D. van Dalen's 'An interpretation of intuitionistic analysis', *Annals of Mathematical Logic* 13, 40–41.

P78A A. Heyting on the formalization of intuitionistic mathematics. Commentary by A. S. Troelstra, in: E. M. J. Bertin, H. J. M. Bos, A. W. Grootendorst (eds), *Two decades of Mathematics in the Netherlands 1920–1940. A Retrospection on the Occasion of the Bicentennial of the Wiskundig Genootschap*, Mathematisch Centrum, Amsterdam, Part I, 153–175.

Correspondence: A. Grootendorst.

P78B Some remarks on the complexity of Henkin-Kripke models, *Indagationes Mathematicae* 40, 296–302.

P79 *A supplement to 'Choice Sequenc'.* Report 79–04, Department of Mathematics, University of Amsterdam.

P79A On Ashvinikumar's principle of microscopic completeness, *Indagationes Mathematicae* 41, 77–81.

P79B (with G. F. van der Hoeven) Projections of lawless sequences II, in: M. Boffa, D. van Dalen and K. McAloon (eds), *Logic Colloquium 78*, (Studies in Logic, vol. 97), North-Holland Publ. Co., Amsterdam, 265–298. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P1980 Extended bar-induction of type 0, in: J. Barwise, H. J. Keisler and K. Kunen (eds), *The Kleene Symposium*, (Studies in Logic), North-Holland Publ. Co., Amsterdam, 277–316. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

a. information to authors 5 sh., 2 sh. Troelstra: 'indications'; b. correspondence: J. Barwise, van den Heuvel

P80A The interplay between logic and mathematics: intuitionism, in: E. Agazzi (editor), *Modern Logic: A Survey*, (Synthese Library), Reidel, Dordrecht, 197–221. [from Instituto della Enciclopedia Italiana to Reidel ?]. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

Correspondence: F. Rovigatti (Instituto della Enciclopedia Italiana).

P80B Intuitionistic extensions of the reals, *Nieuw Archief voor Wiskunde (3)* 28, 63–113. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P80C *Collected papers of A. Heyting*, (A.S. Troelstra editor together with J. Niekus, H. van Riemsdijk), Mathematical Institute, University of Amsterdam, 821 pp.

Pc. of all the articles in the collection.

P81 Arend Heyting and his contribution to intuitionism, *Nieuw Archief voor Wiskunde (3)* 29, 1–23.

P81A (with J. Niekus, H. van Riemsdijk) Bibliography of A. Heyting, *Nieuw Archief voor Wiskunde (3)* 29, 24–35.

P81B Levensbericht van Arend Heyting (9 mei 1898 – 9 juli 1980), in: *Jaarboek van de Koninklijke Nederlandse Akademie van Wetenschappen1980*, North-Holland Publ. Co., Amsterdam, 172–175 (with photograph) [In memoriam A. Heying; Yearbook of the Royal Dutch Academy of Sc.].

a. ts. 4 sh.; b. correspondence: J. Th. A. Klarenbeek (K.N.A.W.).

P81C On a second-order propositional operator in intuitionistic logic, *Studia Logica* 40, 113–139. [for abstract, see under item PR (reviews), Troelstra, auto/selfreferats].

a. 2 reports on Troelstra's paper; b. corrections; d. information SL; d. correspondence: R. Wójcicki (Studia Logica).

P81D Lawless sequences and their uses, in: S. Bernini (editor), *Atti del Congresso Nazionale di Logica. Montecatini Terme 1-5 Ottobre 1979*, Bibliopolis, Naples, 165–173.

P81E Naschrift (Dutch), *Nieuw Archief voor Wiskunde (3)* 29, 134–135. (Postscript to: A. Heyting, Continuum en Keuzerij bij Brouwer, 125–139.) [Brouwer's continuum and choice sequens].

Correspondence: R.A. Hirschfeld (Univ. Inst. Antwerpen).

P82 On the origin and development of Brouwer's concept of choice sequence, in: A. S. Troelstra, D. van Dalen (eds), *The L. E. J. Brouwer Centenary Symposium*, (Studies

in Logic), North-Holland Publ.Co., Amsterdam, 465–486. [see also R1].

P82A Intuitionistic extensions of the reals II, in : D. van Dalen, D. Lascar, J. Smiley (eds), *Logic Colloquium '80*, (Studies in Logic), North-Holland Publ.Co., Amsterdam, 279–310. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P83 Logic in the writings of Brouwer and Heyting, in: V. M. Abrusci, E. Casari, M. Mugnai (eds*), Atti del Convegne Internazionale di Storia della Logica. San Gimignano, 4–8 dicembre 1982*, CLUEB, Bologna, 193–210.

P83A Analyzing choice sequences*, Journal of Philosophical Logic* 12, 197–260. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

a. comments on P83A; b. correspondence: R. Freeman (Reidel), R. Thomason (J. Philos. Logic).

P83B Definability of finite sum types in Martin-Löf's type theories, *Indagationes Mathematicae* 45, 475–481. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

P84 (with J. Diller) Realizability and intuitionistic logic, *Synthese* 60, 253–282. [for abstract, see under item PR (reviews), Troelstra, selfreviews].

a. corrections; b. correspondence: J. Hintikka (Synthese), J.A. Moneysmith (Synthese), R. Thomason (J. Philos. Logic).

P85 Choice sequences and informal rigour, *Synthese* 62, 217–27.

a. Int. Conf. History of Logic: instructions to authors; b. correspondence: V.M. Abrusci (S.I.L.F.S.), M. Piatelli-Palmarini (C. Fiorentino di Storia et Filosofia della Scienza). [for correspondence, see also under item P84]

P86 Introductory note to [Gödel 1932] [= 'Zum intuitionistischen Aussagenkalküls'], in: *K. Gödel, Collected Works, Volume I* (S. Feferman et al., editors), Oxford University Press, Oxford, 222–223.

a. General information on the ASL project (S. Feferman editor).

b. Troelstra invited to work on [Gödel 1932], [Gödel 1933e], [Gödel 1933f], [Gödel 1933g], [Gödel R1932b] [Troelstra accepted [Gödel 1932] [= Troelstra P86], 1933e [= Troelstra P86A], 1933f [= Troelstra P86B], and moreover [Gödel 1958] together with [Gödel 1972] [= Troelstra P90], *1941 [= Troelstra P95]].

c. Ms. A.S. Troelstra, 'Commentary on K. Gödel, 'Zum intuitionistischen Aussagenkalkül'', copy of K. Gödel, 'Zum intuitionistischen Aussagenkalküls', copies of reviews by Gödel of R. Carnap [Gödel R1932a], A. Heyting [Gödel R1932b], J. von Neumann [Gödel R1932c].

d. References, Gödel chronology, bibliography.

e. Splitting of the project in several volumes.

f.. Correspondence [to be found all over Troelstra P86]: J. Dawson, S. Feferman, G.H. Moore [in the correspondence Feferman – Troelstra references were made to the Gödel – Bernays correspondence (under item. Troelstra P90); several versions of Gödel's Dialectica article [Troelstra P90]: Dawson – Troelstra correspondence].

P86A Introductory note to [Gödel 1933e] [= 'Zur intuitionistischen Arithmetik und Zahlentheorie'], in*: K. Gödel, Collected Works, Volume I* (S. Feferman et al., editors), Oxford University Press, Oxford, 282–287. [Also with correspondence on item P1986B].

a. Copy of ms. 'general remarks on first proofs of notes to [Godel 1933e], [Gödel 1933f] and second proofs of note for [Gödel 1958] together with [Gödel 1972], and the bibliography, ms. Introductory note to [Gödel 1933e] [= 'Zur intuitionistischen Arithmetik und Zahlentheorie'] (8 sheets) and proposed emendations (1 sheet).

b. Ms. Troelstra 'Commentary on K. Gödel, Zur intuitionistischen Arithmetik und Zahlentheorie' (1x 3 sheets, 1x 5 sheets).

c. Copies of [Gödel 1933e], [Gödel 1933f], ms. Troelstra 'Gödel's S4'.

d. Copy translation of [Gödel 1933e] by van Heijenoort & Bauer-Mengelberg, 'On intuitionistic arithmetic and number theory' (used as translation in Coll. Works I).

e. Copy P. Bernays, 'Hilbert, David'.

f. Correspondence [to be found all over P86A]: S. Feferman

P86B Introductory note to [Gödel 1933f] [= 'Eine Interpretation des intuitionistischen Aussagen-kalküls'], in: *K. Gödel, Collected Works, Volume I* (S. Feferman et al., editors), Oxford University Press, Oxford, 296–299. [See also item Troelstra P86A.]

a. Ms. (2x Troelstra 'Commentary on K. Gödel, 'Eine Interpretation des intuitionistischen

Aussagenkalküls'' [= Gödel 1933f] (5 sheets).
b. Copy of [Gödel 1933f] .

P86C Strong normalization for typed terms with surjective pairing, *Notre Dame Journal of Formal Logic* 27, 547–550.
a. referee report; b. correspondence: M Daugherty (NDJFL), M. Detlefsen (NDJFL).

P87 On the syntax of Martin-Löf's type theories, *Theoretical Computer Science* 51, 1–26.
Correspondence: E. Engeler, Kok.

P87A (with D. van Dalen (editors)) *Omega-Bibliography of mathematical logic, Volume VI, Proof theory, constructive mathematics*, (Perspectives in Mathematical Logic), Springer Verlag, Berlin-New York, 405 + XLI pp. [general editors for the Omega-Bibliography: G.H. Müller, W. Lenski].
Ordered chronologically every year; correspondence listed alphabetically (again every year) in the index.
1982: G.H. Müller, G.H. Müller & P.G. Hinman (> D.S. Scott); 1983: G.H. Müller (> D. van Dalen & H.D. Ebbinghaus & W. Rautenberg & T, > A. Blass & H.D. Ebbinghaus & P. Hinman & T, > D. van Dalen & T); 1984: R. Bogus & W. Lenski (> editors), G.H. Müller & P.G. Hinman (> editors Omega-Bibl.), G.H. Müller, ; 1985: P. Hinman & G.H. Müller, J. Kister (> D. van Dalen & T), W. Lenski (> J. Kister), G. Müller (> A. Blass & D. van Dalen & H.D. Ebbinghaus & P. Hinman & J. Kister & W. Rautenberg & T), > D. Van Dalen & T), Report meeting of the editors; 1986: A. Blass & P.G. Hinman, J. Kister, W. Lenski (> van Dalen & T), W. Lenski & G.H. Müller (> editors), G.H. Müller (> editors), Omega classification scheme (AMS classification scheme); 1987: C.M. Byrne (Springer), G. Fischer (Springer), H. Matthies & H.R. Gerike (Springer), publishing agreement (C.M. Byrne & D. Czeschlik for Springer).

P88 (with D. van Dalen*) Constructivism in Mathematics. An Introduction*, Amsterdam, (Studies in Logic, vol. 121)), North-Holland Publ. Co. *Vol. 1*: xx + 342 + XIV pages; *Vol. 2*: xviii + pages 345–880 + LII pages (Studies in Logic, vol. 123). [see also group R7 (editorial work Studies in Logic, under 1986, 1987 (agreement))]
a. Reviews on P88 (on name of the reviewers, between brackets the journal) by: M.J. Beeson (Notre Dame Journal of Formal Logic 1991), G. Kreisel (Bulletin of the London Math. Soc. 1990), KES (?) (The American Math. Monthly), G.E. Mints (Math. Reviews 1990), B. van Rootselaar (on Vol I in Zentralblatt f. Math. 1989, on Vol II in Zf.M. 1989), H.C.M. de Swart (on Vol I in 'Mededelingen van het Wiskundig Genootschap' 1990, on Vol II in M.W.G. 1990), A. Urquhart (Studia Logica 1991), ? in L'Ensegnement Mathématique 1989; a2. correspondence: D. van Dalen (> H.C.M. de Swart).
b. b1. negotiations with Oxford University press, contents of P1988, abridged form of P1988, statistics, aims and scope, memorandum of agreement with Oxford UP; b2. correspondence: A. Watkinson (Oxford UP)
c. c1. authors agreement with Elsevier Science Publishers; c2. correspondence: A. Sevenster (North-Holland, Elsevier)

P88A A short course in intuitionistic metamathematics, in: A. Zanardo (editor), *Atti degli Incontri di Logica Matematica, Vol. 4. XI Incontro: Siena, 27–30 maggio 1987. Fondamenti della Matematica*. Scuola di Specializzione in Logica Matematica, Dipartimento di matematica, Universitatà di Siena, 9–14.
Correspondence [also for item P1988B]: R. Ferro, R. Ferra & A. Zanardo, F. Montagna.

P88B Validity and completeness for intuitionistic predicate logic, in: A. Zanardo (editor*), Atti degli Incontri di Logica Matematica. Vol. 4. XI Incontro: Siena, 27–30 maggio 1987. Fondamenti della Matematica*, Scuola di Specializzione in Logica Matematica, Dipartimento di matematica, Universitatà di Siena, 15–21. [see also correspondence under item P88A].

P89 *Index of the Heyting Nachlass*, University of Amsterdam, ITLI Prepublication Series X–89–03, 44 pp.

P89A Article 'Arend Heijting' (Dutch) in: J.Charité (editor), *Biografisch Woordenboek van Nederland III*, Instituut voor Nederlandse Geschiedenis, 's Gravenhage, 254–256.
a. agreement; b. ts. 6 sh.; c. correspondence: J. Charité, K. Kooijmans.

P1990 Introductory Note to [Gödel 1958] [= 'Über eine bisher noch nicht benützte Erweiterung des finiten Standpunktes'] and [Gödel 1972] [= 'On an extension of

finitary mathematics which has not yet been used'], in*: K. Gödel, Collected Works II* (S. Feferman et al. editors), Oxford University Press, New York, 217–256. Troelstra, Introductory note to 1958 and 1972, pp. 217–241. a. Gödel, Über eine bisher noch nicht benützte Erweiterung des finiten Standpunkte, and b. Gödel, On a hitherto unutilized extension of the finitary standpoint; a. en b. together: pp. 240–251. [Gödel 1972], 'On an extension of finitary mathematics which has not yet been used', pp. 271–280. [See item Troelstra P86 for general information about the project.]

a. Ms Troelstra, 'Introductory note to Gödel 1958/1972' (32 sheets), 2 sh. footnotes, 8 sh. bibliography + 1 sh. corrections + extra copy references.
b. Proof (copy) of Troelstra's introductory note + [Gödel 1972], remarks by Troelstra.
c. c1. Copy proofsheets of [Gödel 1972] with handwritten comments by Gödel. c2. Copy of proofsheets of [Gödel 1972] with handwritten comments by Gödel (in the copy) and handwritten comments by Troelstra. c3. Copies of comments and notes by Gödel (one sheet also with remarks by Troelstra).
d. Preliminary contents of 'Gödel's collected work' (before the partition), bibliography of Gödel.
e. Copies of [Gödel 1985] (Dialectica version), English translation of [Gödel 1958] [= 'On a hitherto unexploited extension of the finitary stanpoint'].
f. Correspondence: S. Feferman, G.H. Moore; referee report of Troelstra's note by??
g. Correspondence (copies): P. Bernays >< D.S. Scott, K. Gödel >< P. Bernays, K. Gödel >< Sawyer, L.F. Boron > Dialectica [for the Gödel – Bernays correspondence: see also the correspondence Feferman – Troelstra under item P86; for several versions of Gödel's Dialectica work: see the corespondence Dawson – Troelstra under Troelstra P86].

P90A Remarks on intuitionism and the philosophy of Mathematics, in: G. Corsi, G. Sambin (eds), *Atti del Congresso 'Nuovi Problemi della Logica e della Filosofia della Scienza', Viareggio, 8–13 gennaio 1990, Volume II – Logica*, CLUEB, Bologna, 211–228. [preprint: ITLI, ML-88-05; ILLC, X-1990-01, (revised version)]

P90B On the early history of intuitionistic logic, in: P. P. Petkov (editor), *Mathematical Logic*, Plenum Press, New York and London, 3–17. [preprint: ITLI, ML-88-04].

Correspondence: P. Petkov (agreement copyright).

P91 *History of Constructivism in the Twentieth Century*, University of Amsterdam, ITLI Prepublication Series ML–91–05.

P92 *Lectures on Linear Logic*, CSLI Stanford, Lecture Notes Series nr. 29. [preprint: ILLC, X-1990-15, X-1991-07 (errata & supplement)].

a. agreement; b. referee reports, comments and reactions on referee reports (Schellinx, Troelstra); c. correspondence: K. Henniss (CSLI-Publ), D. Karagueuzian, V. Paiva, H. Schellinx.

P92A Comparing the theory of representations and constructive mathematics, in: E. Börger, G. Jäger, H. Kleine-Büning, M. M. Richter (eds), *Computer Science Logic, 5th workshop, CSL'91*, Springer Verlag, Berlin, 382–395. [preprint: ILLC, ML-1992-01].

P93 *Metamathematical Investigation of Intuitionistic Arithmetic and Analysis*. Corrections to the first edition. ILLC Prepublication Series X–93–04, Universiteit van Amsterdam.

P94 Tutorial on Linear Logic, in: K. Dosen, P. Schroeder-Heister, *Substructural Logics*, Clarendon Press, Oxford, 327–355.

Correspondence: P. Schroeder-Heister.

P95 Introductory note to [Gödel 1941] [= 'In what sense is intuitionistic logic constructive?'], in: *K. Gödel, Collected Works III*, Oxford University Press, Oxford, 186–189. [See also item P1986 for general information about the project.]

a. a1. Proofs of Troelstra, 'Introductory note to [Gödel *1941]' [= Gödel's Yale lecture 'In what sense is intuitionistic logic constructive?']; a2. copy of [Gödel *1941]; a3. copy of § 4 of G. Kreisel, 'Gödel's excursions into intuitionistic logic'.
b. b1. Troelstra's comments on Parsons' notes on [Gödel *1938a] [= 'Votrag bei Zilsel'] (Coll. Works Vol. III); b2. copy of [Gödel *1938a]; b3. copy of W. Sieg and Ch. Parsons, 'Introductory note to [Gödel *1938a]'; b4. copy of 'the notes from which the Zilsel Vortrag was written'; b5. comments on Gödel's Gabelsberger shorthand.
c. c1. copy of a translation of [Gödel's 1933o] [= 'The present situation in the foundations

of mathematics']; c2. copy of S. Feferman, 'Introdoctory note to [Gödel 1933o] (in Gödel Collected Works III).
d. Correspondence (all over item P95): Ch.A. Dawson, S. Feferman, W. Goldfarb, H. Luckhardt, Ch. Parsons.

P95A Natural deduction for intuitionistic linear logic, *Annals of Pure and Applied Logic* 73, 79–108. [APAL 73, No. 1 (16 May): special issue, a tribute to Dirk van Dalen, edited by Y. Gurevich[]. [preprint: ILLC, ML-1993-09].
Correspondence: Y. Gurevich.

P96 Choice sequences: a retrospect, *CWI Quarterly* 9 (1–2), 143–149.

P96A (with H. Schwichtenberg) *Basic Proof Theory*, (Cambridge tracts in theoretical computer science, vol. 43), Cambridge University Press, Cambridge U.K. 343 + xi pp. [for the second edition, see P2000].
Ms. Troelstra. The main part of the ms. is an amount of course/lecture notes: A.S. Troelstra, 'Bewijstheorie (proof theory), 1e semester 1989-1990', 116 sh + 19 sh miscellaneous.

P98 Concepts and Axioms, *Philosophia Mathematica, series III* 6, 195–208. [preprint: ILLC, ML-1998-02].
Copyright assignment.

P98A Realizability, in: S. Buss (editor), *Handbook of Proof Theory*, (Studies in Logic, vol. 137), Elsevier, Amsterdam, 407–473. Preprint: ILLC prepublication series ML–92–09, Universiteit van Amsterdam 1992.

P99 From Constructivism to Computer Science, *Theoretical Computer Science* 211, 233–252. Text of the lecture held on occasion of receiving the F.L. Bauer-prize. Preprint: ILLC Research report CT–96–02.
a. agreement; b. correspondence: M.D. Griffin (Elsevier), S. Smit (Elsevier)

P99A Marginalia on sequent calculi, *Studia Logica* 62, No. 2, 291–303. [SL 62: special issue, selected papers in honour of Ettore Casari, edited by M.L. Dalla Chiara & D. Mundici] Preprint: ILLC Research report ML–1998–01, University of Amsterdam.
a. agreement; b. report; c. correspondence: J. Malinowski, D. Mundici.

P99B (with S. Artemov, B. Kushner, G. Mints, E. Nogina) In Memoriam: Albert Dragalin, 1941-1998, *The Bulletin of Symbolic Logic* 5, 389–391. [see also under section B, period 1990 – 2000, Dragalin, A.: A.S. Troelstra (1999), 'Albert Dragalin remembered: a tribute'.]

P2000 (with H. Schwichtenberg) *Basic Proof Theory*, (Cambridge tracts in theoretical computer science), Cambridge University Press, Cambridge U.K. Second revised edition, 417 + xii pp. [for the first edition, see P1996A].
a. marketing plan, review list; b. correspondence: G. Robertson (Cambridge UP), D. Tranah (Cambridge UP).

P00A Looking back, *ILLC magazine* 2, (July 2000), 4–5.
2 sheets (teared out).

P00B. *Ware en gevoelige verhalen, Afscheidscollege A.S. Troelstra, 18 september 2000.* ILLC Report X-2000-04, 19 pp. [true and sensitive stories, A.S. Troelstra's valedictory lecture].
Report.

P01. Honderd jaar keuzenrijen, in *Verslag van de gewone vergadering van de Afdeling Natuurkunde*, maandag 24-IX-2001, deel 110, nr. 6, pp. 223–227 (Voordracht gehouden in de gewone vergadering van de Afdeling Natuurkunde der Koninklijke Nederlandse Akademie van Wetenschappen, 24-IX-2001). (Discussievraag 't Hooft en antwoord Troelstra, idem, p. 221.)
Overdruk verslag vergadering

PR. Reviews by Troelstra, mainly in The Journal of Symbolic Logic [= JSL], Mathematical Reviews [= MR], Mededelingen van het Wiskundig Genootschap [= MWG], Nieuw Archief voor de Wiskunde [= NAW], Philosopher's Index [= PI], Zentralblatt für Mathematik [= ZM]. There are also some selfreviews. Most reviews are represented by carbon copies of the ts. They have been ordered alphabetically (moreover under these files: correspondence); one can find (if known) the places of Troelstra's reviews between

brackets after the name of the authors:

a. J.G. Anderson (MR), AshviniKumar (MR), J. Barwise (ed. of 'Syntax and semantics of infinitary languages'), M.J. Beeson (MWG), Bridges & Richman (MWG), Brouwer collected works (MWG), N.C.A. da Costa (MR), J. Diller, A.G. Dragalin (JSL), S. Feferman (JSL; MR), D.M. Gabbay (MR), S. Görnemann (MR), H. Hermes (NAW), A. Heyting (MR), T. Hosoi (JSL 36, (1971), 329–330), Howard (MR), Hull (MR), A. Kino (MR), G. Kreisel (MR), H. Lächli (MR), P. Lorenzen (NAW?), M. Machover & J. Hirschfeld (MWG), C.G. McKay (MR), N. Muti (MR), T. Nagashima (JSL 33, (1968), 291–292), D. Prawitz, G. Robinson (MR), L.E. Sanchis (MR), B. Scarpellini (MR; JSL 39, (1974), 607–609), K. Schütte (MR), P. Strauss (MR), J. Staples (MR), T. Umezawa (JSL 33, (1968), 607), M. Yasugi (JSL 37, (1972), 404).

b. A.S. Troelstra, selfreviews, abstracts: P69 (PI), P71 (MR), P74 (PI), P75A, P77E (ZM), P79B (ZM), P80 (MR), P80A (PI), P80B (ZM), P81C (ZM), P82A (ZM), P83A (ZM), P83B (ZM), P84.

c. c1. Correspondence, all over the reviews: J. Brown (for JSL), H.B. Enderton (for JSL), R.W. Goodwin (for JSL), H. Lineback (for PI), J.H. van Lint (for MWG), W. van der Meiden (for MWG), T. Nagashima, M. Preussner (for JSL), Springer V. (> NAW), B. Wegner (for ZM). c2. Correspondence, separated: S.K. Berberian (for MR), J. Burlak (for MR), M. Leaf (for JSL).

R. Redactie-werk [Editorial work]

R0.

a. 'Gödel collected works'; see under P1986, P1986A, P1986B, P1990, P1995.

b.'Heyting collected works', (Troelstra editor): see under P1980C.

c. 'Omega-Bibliography of mathematical logic, Volume VI', (Troelstra, D. van Dalen editors): see under P1988.

d. Referee reports are confidential. However, there is a lot of referee reports under the following groups: R3, R4, R5, R6 (sometimes there is only correspondence about someone's work). There is also blind refereeing: as always the name of the refereer is unknown for the author to be refereed but also the name of the author for the refereer.
The referee reports are written by Troelstra but also by other authors (sometimes several referees for one article). Among them (under R3, R4, R5, R6):

H. Andréka, A. Avron, H. Barendregt, J.E. Baumgartner, F. Bellissima, C. Bennett, J.F.A.K. van Benthem, I.P. van den Berg, I. Bethke, A. Blass, D.S. Bridges, W. Buchholz, S.R. Buss, G. Cherlin, O. Demuth, J. Diller, H.C. Doets, E. Engeler, S. Givant, W. Goldfarb, J.R. Hindley, W. Hodges, G. Jäger, H.R. Jervell, S. Koppelberg, I. Kramosil, M. van Lambalgen, D. Leivant, E.G.K. Lópes-Escobar, H. Luckhardt, G. Mints, F. Montagna, J. van Oosten, R.A. DiPaola, P. Pudlak, H. Putnam, M. Rathjen, G. Renardel de Lavalette, H. Schellinx, H. Schwichtenberg, C. Smorynski, G. Sundholm, G. Takeuti, J. Terlouw, A.S. Troelstra, W. Veldman, A. Visser, F.J. de Vries, S. Weinstein.

e. Authors to be refereed (R3, R4, R5, R6):

V.M. **Abrusci**, S. Akama, D. Albrecht, L.P. de Alcantara, J. Avigad, **Bancovic**, M.J. Beeson, P. Bellot, S. Bernini, I. Bethke, M. Bezem, C. Böhm & M Dezani-Ciancaglini, K. Bowen, D.S. Bridges, D.S. Bridges & L. Dediu, D.S. Bridges & H. Ishihara, D. Bridges & F. Richman & W. Yuchuan, Brunner, M.W. Bunder, J.P. Burgess, S.R. Buss & M.L. Bonet, **Cantini**, J. Cain & Z. Damnjànovic, J. Chapman & Rowbottom, T.E. Conlon, P.G.L. Cotogno, D. van **Dalen**, J.C.E. Dekker, W. Demopoulos, J. Diller, M. Drömmer, E. Duquesne, E. Duquesne & J. van de Wiele, R. Dyckhoff, Z. Dywan, D. Dziersgovski, S.A. **Egupov**, J. Eschgfäller, L. **Farese**, H. Friedman & R. Meyer, W. Friedrich & W. Luckhardt, D. Gabbay, R.O. **Gandy**, Y. Gauthier, P. Gilmore & G.K. Tsiknis, N.D. Goodman, L. Gordeev, B. **Harle**, Hartonas, S. Hayashi, S. Hirokawa & Y. Komori, W.A. Howard, H. **Ishihara**, D. **Jacquette**, G. Jäger, G. Jäger & B. Primo, M. Jambon, F.R. **Kashapova**, R. Kashima & T. Shimura, K.T. Kelly, K.J. Kim, A. Knobel, S. Kobayashi & M. Tatsuta, U. Kohlenbach, G. Koletsos, P.H. Kraus, M. van **Lambalgen**, D. Leivant, P.D. Lincoln, P. Lindström, C. Luppi, R. **Maddux**, P. Maddy, M. Mandelkern, S. Martini & A. Masini, S. Martini & A. Masini, D.C. McCarty, C. McLarty, R. Mines & W. Julian & F. Richman, G. Mints, I. Moerdijk, Montagna, Moriconi & Vitale, J.R. Moschovakis, Motohashi, S. **Negri**, M. **Okada**, H. Ono & P. Minari & M. Takano, J. van Oosten, R.A.

Di**Paola** & F. Montagna, J.L. Pe, J.L. Pereira, J. von Plato, T. Polacik, Posy, E. **Radu**, G.N. Ramachandran, M. Rathjen, F. Richman, F. Richman & W. Julian & R. Mines, D.A. Romano, D. Roorda, G. **Sambin**, G. Sambin & Battilotti & Faggian, K. Sasaki, B. Scarpellini, B.L. Sharma & Johnson, H. Schellinx, P.H. Schmitt, K. Schultz, P.M. Schuster, S. Stefani, M. Stein, W.R. Stirton, P. Suppes & R. Chuaqui, M.D.G. Swaen, M. Szatkowski, A. **Tzouvaras**, D. **Vakarelov**, V.L. Vasyukov, Vauzeilles, B. Velickovic, W. Veldman, Y. Venema, A. Visser, R. de Vrijer, R.E. Vesley, B**. Weglorz** & R. Zrotowski, R.S. Wolf, P. Wojtylak, A.P. **Zeleznikar**.

R1. *The Brouwer Centenary Symposium*, ed. A.S. Troelstra, D. van Dalen. Brouwer symposium proceedings (see also D1.1981: 'The Brouwer centenary symposium', (Noordwijkerhout, 8 – 13-IV-1981.

a. adresses of authors, contents, preface, general correspondence (also with North-Holland).

b. correspondence: P. Aczel, D.S. Bridges, M. Beeson, C.N. Delzell, J. Diller, M.P. Fourman, S. Feferman, Gargov, L. Gordeev, R.J. Grayson, S. Hayashi, C. Hennix, M. Hyland, D. Isles, D.H.J. de Jongh, B.A. Kushner, G. Kreisel, J. Lambek, P. Linström (T > D. van Dalen), E. Martino, G. Metakides, R. Mines, F. Richman, G.E. Reyes, A. Scedrov, H. Schwichtenberg (> D. van Dalen)**,** D. Scott, P. Scott (T > P. Scott & A. Scedrov), Sevenster, C.A. Smorynski, S. Titani, W. Veldman, Yesenin-Volpin.

R2. *Handbook of Mathematical Logic*, North-Holland Publ. Co., Amsterdam: K.J. Barwise editor, A.S. Troelstra coordinator (for 'proof theory and constructive mathematics'). [see also P1977F for Troelstra's article and under R7 'Studies in Logic'].

a. General correspondence: 1. General information (E. Frederiksson). 2. J. Barwise (also correspondence in relation to the part of `proof theory'. 3. Translations, supplements (1983): W. Hodges. 4. G. Kreisel (> Barwise & Troelstra).

b. Correspondence 'proof theory en constructive mathematics': H. Barendrecht, S. Feferman, G. Mints, H. Schwichtenberg, C.A. Smorynski, R. Statman, A.S. Troelstra, J. Zucker.

R3. Journal of Symbolic, Editorial work for JSL. Troelstra was editor during three periods from 1983 till 1992.

a. Correspondence. (S. Feferman > T, 18-1-1983: T member of the editorial board; C.D. Parsons > T, 01241989: Troelstra editor of JSL for the period 1-1-1989 till 1-1-1992).

b. Workschemes JSL by Troelstra (period 1990 – 1991).

c. Referee reports JSL by Troelstra, ordered on the author to be refereed.

d. Referee reports JSL not by Troelstra, ordered on the author to be refereed.

R4. *Compositio Mathematicae*. Editorial work for Compositio:

a. Correspondence: W.T. van Est, F. Oort.

b. Correspondence referee reports Compositio (Troelstra et al.) (alphabetically ordered on author).

c. Memorial Volume Heyting 70 years (= Comp.. Math. 20, 1969).

R5. *Studia Logica*. Editorial work for SL

a. General correspondence: W. Dziobiak, G. Malinowski, R. Wójcicki, J. Zygmunt.

b. Referee reports SL by Troelstra (alphabetically ordered on author).

R6. *Miscellaneous*:

a.Journal unknown.

Referee reports by Troelstra; correspondence: G. Massey.

b. *Annals of Matematical. Logic*.

Referee reports by Troelstra; correspondence: N.D. Belnap (>< E. Fredriksson), A. Robinson (ASL) (> M.D. Frank (N-H)), O. Rabin & H. Rogers, H. Rogers.

c. *Annals of Pure and Applied Logic*.

Referee report by Troelstra. Correspondence: D van Dalen, P. Kraus (> D. van Dalen).

d. *Archive for Mathematical Logic*.

Referee reports by Troelstra et al.; correspondence: A. Huizer (Kluwer), W. Pohlers (> H. Schellinx), S.S. Wainer

e. *Commentarii Mathematici Helvetici.*

Correspondence: Pfluger.

f. *Curry Festschrift*.

Referee reports by Troelstra. Correspondence: R. Hindley.

g. *Geometrica Dedicata*.

Referee report by Troelstra. Correspondence: J. von Plato (> F.D. Veldkamp), F.D. Veldkamp.

h. *Indagationes Mathematicae*.
Referee reports by Troesltra et al. Correspondence: D.S. Bridges (> D. van Dalen), M.W. Bunder (>< J. Korevaar), H. Ishihara, F. Richman, P.M. Schuster, B.L. Sharma, W. Veldman (?).

i. *Israel Journal of Mathematics*.
Correspondence: B. Weiss.

j. *Journal of Logic and Computation*.
Referee reports by Troelstra; correspondence: D. Gabbay (> D.H.J. de Jongh).

k. *Journal of Logic, Language and Information*.
Referee report (by Troelstra). Correspondence: A. Huizer (Kluwer).

l. *LC'94, LICS'94*.
Referee reports by Troelstra. Correspondence: K.R. Apt (LICS'94), D. Richard (LC'94).

m. *Lecture Notes in Mathematics (Springer)*.
Referee report by Troelstra. Correspondence: K. Dikran, A. Dold. (> R.S. Wolf).

n. *Nieuw Archief voor Wiskunde*.
Correspondence: B.L.J. Braaksma.

o. *Proceedings of the AMS.*
Referee report by Troelstra. Correspondence: P.C. Eklof.

p. *Pubicationes Mathematicae Debrecen*.
Correspondence: L. Tamássy.

q. *Reports on Mathematical Logic*.
Correspondence: B.E. Vance, P. Wojtylak.

r. *Revue Roumaine de Mathematique Pure et appliquées.*
Referee report by Troelstra. Correspondence: D. Burghelea.

s. *Rocky Mountain J. of Mathematics.*
Referee report by Troelstra. Correspondence: W.R. Scott

t. *Theoretical Computer Science.*
Referee report by Troelstra. Correspondence: S. Smit

u. *Transactions of the A.M.S*.
Correspondence: J.E. Baumgartner

v. Miscellaneous.
Correspondence: A. Bolotin (Plenum), F. Montagna.

R7. *Studies in Logic* (North-Holland).
The correspondence in the archive is ordered by year and then chronologically, but this is not the ordering in the index. Moreover, the chronological ordering in the archive is not a strict one: sometimes you can find the correspondence for a case (e.g. a certain book) together (only when they are of the same year). The correspondence as in the index has been divided between the correspondence of the most important person, i.e. the chief editor of North-Holland for 'Studies in logic', and other correspondence. In the index there is information by year on:

a. The existence of status reports in 19xy (these you can find in the archive at the beginning of each year); furthermore you can find under point a in the index the names of new editors; for 1972 there is a summing up of all the editors in charge at that moment.

b. The books in focus in 19xy (published, in production, under contract, to be revised or reviewed, invited authors, suggested titles (by the 'intended' authors themselves, but see also under point a, the status reports). They are summed up alphabetically on the authors, sometimes only the name of the book (this is the mode for the index, not for the archive).

c. Correspondence: alphabetically; it has the old structure as under group B.Brieven (scientific correspondence). The name X means 'maybe, there is correspondence between X and Troelstra, and so on (and again: this is the ordering in the index, not of the archive).

d. The correspondence of the chief editor (for the Studies in Logic) of North-Holland: E. Fredriksson (often named Einar), and later on, A. Sevenster (Arjen). The correspondence between Troelstra and the chief editor is always implicit assumed. This correspondence is in the index alphabetically (but not in the archive). The abbrevation 'N-H' means 'North-

Holland'.

R7.1972

a. Status report. The editorial situation in 1972: A. Heyting resigned as editor (1948-1972), A.S. Troelstra new editor (the other editors in 1972: H.J. Keisler (1971-1995), A. Robinson (1964-1974), A. Mostowski (1966-1975), P. Suppes (1964-), Fredriksson chief editor for North-Holland). Photocopies of the backsides of some N-H books for an enumeration of all 'Studies in logic' all over the period 1968–2000.

b. Books: A. Abian (Boolean rings), D. van Dalen (?), D. Drake (Topological intuitionism; Set theory), J.E. Fenstad & Hinman (ed.; Generalized recursion theory), Y.N. Moschovakis (Introduction to inductive definability), W.W. Comfort & S. Negrepontis (The theory of ultrafilters), D. Gallin, R.E. Jennings (Punctuation and truth functionality), H. Leblanc, W. Malcolm (Ultraproducts and higher order models), A. Slomson (ed. B. Russell Memorial).

c. Corespondence: D. Drake (> North-Holland), M.D. Frank, W. Malcolm (> N-H), J. Spencer (> N-H).

d. Correspondence E. Fredriksson: W.W. Comfort & S. Negrepontis, J.E. Fenstad, D. Gallin, H.J. Keisler, Y.N. Moschovakis, A. Mostowski, A. Robinson, J.C. Shepherdson, A. Slomson.

R7.73

a. Status report.

b. Books: H. Barendregt (?), J. Barwise (Admissable sets), Bell & Machover (Mathematical logic), J. Lambek & M.E. Szabo (Deductive systems and categories), S. Kanger (ed. Proc. 3rd Scan. Logic Symp.), H. Leblanc (Truth-value semantics), Y.N. Moschovakis, J.C. Shepherdson (Logic Colloquium Bristol 1973), P. Smith (Motague's Abstract recursion theory).

c. Correspondence: H. Leblanc, P. Suppes (> G. Bealer).

d. Correspondence E. Fredriksson: K.J. Barwise, H.J. Keisler, J. Lambek & M.E. Szabo, Y.N. Moschovakis, A. Mostowski, A. Robinson, J.C. Sepherdson, P. Smith, P. Suppes.

R7.74

a. Status report; editor A. Robinson dead.

b. Books: D. Epstein, D.M. Gabbay (Semantical methods in nonclassical logics), D. Gallin (Intensional and higher order modal logic), T. Hailperin (Boole's logic and probability), Handbook of math. logic (Barwise ed.), T.G. McLaughlin (Regressive ideals and isols), A.H. Lightstone (Math. Logic: an introduction to model theory), G.H. Müller (ed. On sets and classes), S. Shelah (Model theory: stability and the number of non-isomorphic models), W.P. van Stigt (Brouwer's intuitionism), R. Wojcicki (Theory of propositional calculi).

c. Correspondence: J. Barwise (> H.J. Keisler), T. Hailperin (> N-H), T.G. McLaughlin (> N-H), A. Robinson (> M.D. Frank).

d. Correspondence E. Fredriksson: D. Gabbay, H.J. Keisler, Keisler & Mostowski, A.H. Lightstone, Y.N. Moschovakis, A. Mostowski, G.H. Müller, A. Robinson, P. Suppes.

R7.75

a. Status report; editor A. Mostowski dead, J. Barwise new editor.

b. Books: A.I. Arruda (ed. Non-clasical logics), T.E. Forster, math. logic), Moschovakis (Descriptive set theory), K. Segerberg (An essay in classical modal logic), S. Shelah (Model theory), Smith (R. Montague's Abstract recursion theory), M.E. Szabo (Categories and deductive systems), N.H. Williams (Combinatorial set theory).

c. Correspondence: A.I. Arruda (> N-H), T.E. Forster,), A. Levy (> M. Cleaver (N-H))

d. Correspondence E. Fredriksson: J. Barwise, H.J. Keisler, A. Mostowski, E. Specker, P. Suppes, M.E. Szabo (& J. Lambek), N.H. Williams.

R7.76

a. Status report, program meeting 25 years Studies in logic, Oxford. D. Kaplan new editor.

b. Books: A.I. Arruda (ed. Non-classical logics), P. Bernays, J.E. Fenstad (Symposium Generalized recursion theory II), P. Tichy (Introduction to intensional logic).

c. Correspondence: J. Barwise (>< D. Kaplan), Luxemburg (> Wimmers), G. Müller (>< W.T. van den Heuvel (N-H)), P. Suppes (> J. Hintikka, > D. Kaplan), P. Tichy (> N-H).

d. Correspondence E. Fredriksson: A.I. Arruda, H. Barendregt, J. Barwise, J.E. Fenstad, A. Heyting, D. Kaplan, H.J. Keisler, G. Kreisel, K. Kunen, P. Suppes.

R7.77

a. Status report.

b. Books: Adjan & al. (Word problems II), H. Barendregt (The lambda calculus), J.F.A.K. van Benthem & W.J. Blok (Modal logics & modal algebras), Fraenkel & Bar Hillel & Levy (Set theory), R.I. Goldblatt (Topoi: The categorial analysis of logic), J. Barwise (ed.

Handbook of math. logic), J. Hintikka & I. Niiniluoto & E. Saarinen (ed. 4th Scandinavian Logic Symp.), J.E. Fenstad (Wroclaw ASL Summer Meeting 77), T. Jech (Set theory), H.R. Lewis (Unsolvable Problems), A. Mostowski (Foundational studies), H.E. Pickett (A foundation for parallel processing), Proc. Logic coll. 77, H. Rasiowa (Introduction to algorithm logic), W. Szmielew (From the affine to Euclidean geometry), R.C. Weatherford (Philosophical foundations of probability theory), Word problems conference.

c. Correspondence: H. Barendregt, J. Barwise, V.C. Bone (Oxford U.P.), P. Grim (> D.J. Malt (N-H)), J. Hintikka & I. Niiniluoto & E. Saarinen (> J.K.W. van Leeuwen (N-H)), G. Mints, D.S. Scott (> V.C. Bone), W. van Stigt.

d. Correspondence E. Fredriksson: J. Barwise, D. van Dalen, H.C. Doets, J.E. Fenstad, R.I. Goldblatt, T. Jech, H.J. Keisler, A. Levy, H.R. Lewis, H.E. Pickett, J.C. Shepherdson, P. Smith, P. Suppes, R.C. Weatherford.

R7.78

a. Status report.

b. Books: E. Agazzi & V. Cappelletti (Conference modern logic), R. Chuaqui (Latin American logic), R.L. Epstein (Undecidability of theories of degrees of unsolvability), M. Fitting Fundamentals of generalized recursion theory), R. Fraïssé (Theory of relations), Goldblatt (Topoi), Handbook of philos. Logic, T.G. McLaughlin (Regressive sets and the theory of isols), Logic Coll 78, G. Priest & R. Routley (Paraconsistent logic), H. Rasiowa (Intr. To algorithmic logic; logics of programming theories), Seldin (Curry Festschrift), W.P. van Stigt (Brouwer's intuitionism), Word-problems II.

c. Correspondence: R.L. Epstein (>N-H), R. Fraïssé (> N-H), H.J. Keisler, T.G. McLaughlin, G. Priest & R. Routley (> N-H), W.P. van Stigt.

d. Correspondence E. Fredriksson: E. Agazzi & V. Cappelletti, J. Barwise, R. Benton, V. Cappelletti, R. Chuaqui, D. van Dalen, M. Fitting, D.A. Martin, Y.N. Moschovakis, J.P. Seldin, P. Smith, W. van Stigt.

R7.79

a. Status report.

b. Books: G. Fáy & R. Törös (Quantum logics), M. Fitting (Fundamentals of generalized recursion theory), R. Fraïssé (Theorie des relations), D. Gabbay & F. Guenthner (ed. Handbook of philosophical logic), G. Priest & R. Routley (Paraconsistent logic), H. Rasiowa (Introduction to algorithmic logic, logics of program theories), N.U. Salmon (Essentialism in current theories of reference), P. Smith (Montague's Abstract recursion theory).

c. Correspondence: J. Barwise (> M. van Eek (N-H), > F. Guenthner, > K. Fine, C. Jockush), J.F.A.K. van Benthem (> J. Barwise), D. Bostock, D. Gabbay & F Guenthner (> D. van Dalen), N.U. Salmon (> N-H).

d. Correspondence E. Fredriksson: J. Barwise, R.E. Butts, M. Fitting, A. Heyting, W. Hodges, H.J. Keisler, D. Makinson, G. Metakides, Y.N. Moschovakis, G. Priest & R. Routley, N.U. Salmon, P. Smith.

R7.1980

a. Status report; A. Sevenster new chief editor for 'Studies in logic' (Sevenster takes over from Fredriksson).

b. Books: E.M. Barth & E.C.W. Krabbe (From axiom to dialogue), J. Barwise (Ten lectures on the logic of perception), M.J. Code (A Whiteheadean philosphy of the mathematical sciences), P. Erdös & A. Hajnal & A. Máté & R. Radó (Combinatorial set theory), D. Gabbay & F. Guenthner (ed. Handbook of philosophical logic), P. Hájek (ed. Logic Coll. 1980), C.W. Henson (Decidable and undecidable theories), Lesniewski syetems, J. Sebestik (Mathématiques, logique et théorie de la science chez Bernard Bolzano), K.D. Stroyan (Foundations of infinitesimal stochastic analysis).

c. Correspondence: J. Barwise (> F. Guenthner), J. Sebestik (> N-H?).

d1. Correspondence E. Fredriksson: P. Hájek, D. Kaplan, H.J. Kreisel, P. Smith, P. Suppes

d2. Correspondence A. Sevenster: J. Barwise, W.J. Blok, F. Guenthner, C.W. Henson, A. Levy, R.L. Martin, N.U. Salmon, P. Smith, K.D. Stroyan, R. Wójcicki.

R7.81

a. Status report

b. Books: ASL (new series in logic), T. Burge & H. Enderton & D. Kaplan (ed. Writings of Alonzo Church), X.. Caicedo (5th Latin Am. Symp. on math. Log.), E. Clay (Lésniewski's mereology), Chong & Wicks (1th Southeast Asian C. in Math. Logic), W. Guzicki et al. (ed. Meeting Open days for model theory etc.), R.E. Jennings & P.K. Schotch (Inference

and necessity), Logic Coll. 82, E. Mendelson (ed. Foundations: logic, language and mathematics).

c. Correspondence: Ass. Symb. Logic (Feferman), L.K. Durst (Am. Math. Soc.) (> S. Feferman), M. Fitting (> E. Fredriksson), W. Guzicki et al., J.F. Hattink (Reidel PC) (> S. Feferman (ASL)), J. Heinze (Springher V.) (> S. Feferman (ASL)), R.E. Jennings & P.K. Schotch (> N-H), H.M. Johnson (JAI Press) (> S. Feferman (ASL)), G. Lolli (> N-H), J.E. Lyons (Univ. Press of America) (> S. Feferman), K. Peters (Birkhäuser) (> S. Feferman).

d. Correspondence A. Sevenster: J. Barwise, J. Berg, A. Blass, T. Burge, T. Burge & H. Enderton & D. Kaplan, X. Caicedo, R.E. Clay (> N-H), S. Feferman (ASL), B.C. van Fraassen, A. Levy, G. Lolli, D. Marsal, E. Mendelson, S. Simpson, P. Suppes.

R7.82

a. Status report.

b. Books: ASL (new series in logic), T. Burge & H. Enderton & D. Kaplan (ed. Writings of Alonzo Church), J.W. Dauben (Biography of A. Robinson), G. Fáy & R. Törös (Quantum logics), R. Fraïssé (Theory of relations), R. Gandy (ed. A.M. Turing Collected works), J.Y. Girard & H.R. Jervell ($\prod$(1,2)-logic), D.H.J. de Jongh et al. (Logic, language and meaning), H.E. Rose (Subrecursive functions and hierarchies), S. Shapiro (Intensional mathematics), H. Slater (Logic without tautologies).

c. Correspondence: J.J. Anderson (Oxford UP) (> S. Feferman), S. Feferman (ASL) (> ASL, > T), E. Fredriksson (>< B. Harle (1974)) R. Gandy (> Frank (1963), E. Fredriksson (1970)), B. Katz (MIT Press) (> S. Feferman), M. van Lambalgen, K. Peters (Birkhäuser) (> S. Feferman (ASL)), M.H.A. Newman (> Frank (1958)), H. Slater (> N-H), S. Turing (> E. Fredriksson).

d. Correspondence A. Sevenster: J. Barwise, J.F.A.K. van Benthem, J.W. Dauben, H.B. Enderton, B.C. van Fraassen, R. Fraïssé, W. Hodges, H.R. Jervell, H.J. Keisler, L.R. Martin, H.E. Rose, S. Shapiro, P. Suppes.

R7.83

a. Status report.

b. Books: J. Barwise (Handbook of math. logic, revision), Chong & Wicks (1th Southeast Asian Conference in Math. Logic), Foundations of computation theory (?), E.F. Griffor (proposal: a book on recursion theory), L.A. Harrington & M.D. Morley & S.G. Simpson (H. Friedman's research in logic and the foundations of mathematics), T. Hailperin (Boole's logic and probability, revision), L.L. Ivanov (Axiomatic recursion theory), S. Shapiro (Intensional mathematics), P. Odifreddi (Classical recursion theory), D.G. Schwartz (Axioms for a theory of approximate reasoning), G. Taikeuti (Proof theory, new edition), Tarski & Givant (A formalization of set theory without variables).

c. Correspondence: J. Barwise (> Keisler & Kunen & Moschovakis & T), E. Fredriksson, D.G. Schwartz (> N-H).

d. Correspondence A, Sevenster: J. Barwise, G. Boolos, C.T. Chong (1981), E.F. Griffor, T. Hailperin, W. Hodges, L.L. Ivanov, H.J. Keisler, M. Makkai, A. Nerode, P. Odifreddi, S. Shapiro, S.G. Simpson, P. Suppes, G. Takeuti.

R7.84

b. Books: A. Cantini (Proprieta e operazioni), J. Cassinet (History of the axiom of choice), M. Dickmann (Logic, real algebra and real geometry), F.R. Drake (Set theory, An introduction to large cardinals), G. Engelbretsen (The new syllogistic), R. Gandy (Turing collected works), L.L. Ivanov (Axiomatic recursion theory), L Kirby & P Klote (Models of arithmetic), P. Odifreddi (Classical recursion theory), H. Rubin & J.E. Rubin (Equivalents of the axiom of choice, II).

c. Correspondence: M. Dickmann, E. Fredriksson (> R. Gandy), D. Kaplan (> E. Fredriksson), L. Kirby.

d. Correspondence A. Sevenster: J. Barwise, T. Burge, A. Cantini, M.A. Dickmann, F.R. Drake, S. Givant, H.J. Keisler, M. Makkai, J.D. Monk, D. Normann, P. Odifreddi, H. Rubin & J.E. Rubin, P. Suppes, I. Winchester.

R7.85

b. Books: E. Börger (Computability, complexity and logic), M.A. Dickmann (Logic, real algebra and geometry).T. Hailperin (Boole's logic and probability, revision), F. Ryszard & P. Zbierski (Boolean algebra).

c. Correspondence: P.N. Furbank (> E. Fredriksson).

d. Correspondence A. Sevenster: E. Börger, T. Hailperin, H.J. Keisler, L. Kirby.

R7.86

b. Books: J. Barwise (Handbook of math logic, revision), A. Cantini (Properties and operations), G. Jäger ('proof theory'), P. Odifreddi (Classical recursion theory), S.C. Kleene (Kleene's papers, collection), N.M. Martin (Systems of logic), T & D. van Dalen (Constructivism in mathematics), S. Shelah, R. Wójcicki (Theory of logical calculi).
c. Correspondence: A. Cantini, K.J. Barwise (> editors Handb. Math. logic, >? S.C. Kleene), G. Jäger, R. Wójcicki (> P. Suppes).
d. Correspondence A. Sevenster: J. Barwise, A. Cantini, editors Studies in Logic, S. Givant, Y. Gurevich, H.J. Keisler, N.M. Martin, P. Odifreddi, S. Shelah, P. Suppes, R. Wójcicki.

R7.87

b. Books: J. Barwise (Handb. math logic, russian edition), U. Höhle (Generalized topoi, etc.), C. McLarty (Category theory and toposes), (P. Odifreddi (Classical recursion theory), M. Ozawa (Intr. to Boolean valued analysis), S. Shapiro (Logic and philosophy of second-order languages), T & D. van Dalen (Constructivism in mathematics), J. Tucker (The foundations of mathematics), R. Wójcicki (Theory of logical calculi).
c. Correspondence: J. Barwise (> editors Handb. math. logic), D. Van Dalen, U. Höhle (N-H), C. McLarty (> G. Novotny (Elsevier)).
d. Correspondence A. Sevenster: J. Barwise, J.F.A.K. van Benthem, D. Kaplan, H.J. Keisler, J.D. Monk, P. Odifreddi, S. Shapiro, P. Suppes, J. Tucker (cv).

R7.88

b. Books: S.J. Bartlett (Reflexivity, A source book in self-reference), P.G. Kolaitis (Finite model theory and computational complexity), M. van Lambalgen (Randomness), T & D. van Dalen (Constructivism in mathematics).
c. Correspondence: S.J. Bartlett (> J.F. Kels (Elsevier)), C. Ewing (Elsevier), W. Sieg.
d. Correspondence A. Sevenster: H.J. Keisler, P.G. Kolaitis, P. Suppes.

R7.89

b. Books: A. Cantini (Properties and operations), R. Chuaqui (Truth, possibility and probability), S. Shapiro (Foundations without foundationalism, A case for second order logic), W. van Stigt (Brouwer's intuitionism).
c. Correspondence: J. Barwise.
d. Correspondence A. Sevenster: J. Barwise, R. Chuaqui, L. Ivanov, P. Suppes.

R7.1990

a. P. Suppes resigns as editor, but becomes honorary editor; new editors: S. Abramsky, K. Fine.
b. Books: B. Balcar & P. Stepánek (Set theory), A. Cantini (Properties and operations), J.F.A.K. van Benthem (Lectures on categorial grammar and lambda calculus), K. Dosen & P. Schröder-Heister (editors of Conference Logics with restricted structural rules), L. Ivanov (3rd logical biennial, in honor of S.C. Kleene), L. Maksimova (Interpolation and definability in modal logics), P. Minari (Semantical investigations on intermediate propositional logics), B.I. Plotkin (Universal algebra, algebraic logic and databases), A.W. Quaife (Automated development of fundamental mathematical theories).
c. Correspondence: J. Barwise (> J.F.A.K. van Benthem), W. Buchholz, K. Dosen, P. Minari, A.W. Quaife (> J. Velterop (Elsevier)).
d. Correspondence A. Sevenster: S. Abrambsky, W. Buchholz (1989, 1990), A. Cantini, K. Dosen & P. Schröder-Heister, K. Fine, J.Y. Girard (1989), L. Ivanov, L. Maksimova, P. Suppes.

R7.91

b. Books: B. Balcar & P. Stepanek (Set theory), Booth & R. Ziegler (Finsler set theory), B.J. Copeland (Logic and reality, Essays in pure and applied logic (In honour of A. Prior)), S.G. Fajardo & H.J. Keisler (Model theory and stochastic processes), R. Frankiewicz & P. Zbierski (Gaps and limits), E. Griffor (Handbook of recursion theory), S.G. Goncharov (Countable boolean algebras), Hailperin (Probability logic), M.A. McBeth (The Goodstein-Skolem hierarchy), G. Metakides (Logic for logic programming), G. Mints (Proof theory for computer science), R.P. Nederpelt (Selected papers on Automath), V.V. Rybakov (Inference rules for logical systems), L.E. Sanchis (Recursive functionals).
c. Correspondence: S. Abramsky, H.C. Doets, editors 'Studies in logic', K. Fine, Y. Moschovakis (> K. Fine), R.P. Nederpelt.
d. Correspondence A. Sevenster: S. Abramsky, J. Barwise, D. Booth, B.J. Copeland, K. Fine, H.J. Keisler, L. Maksimova, G. Metakides, P. Minari, L.E. Sanchis, P. Zbierski.

R7.92

b. Books: S.R. Buss (Handbook of proof theory), A. Cantini (Property theory, An investigation

of non-extensional classifications), E. Griffor (Handbook of recursion theory).
c. Correspondence: T. Hailperin.
d. Correspondence A. Sevenster: S.R. Buss, A. Cantini, F. del Franco (Bibliopolis), E. Griffor, T. Hailperin, J.R. Shoenfield.

R7.93

b. Books: W.H. Woodin & R.M. Solovay & A.R.D. Mathias (The axiom of determinacy).
c. Correspondence: J.P. Seldin.
d. Correspondence A. Sevenster: J. Barwise, K. Fine, J.P. Seldin.

R7.94

a. K. Fine resigned as editor; S. Artemov new editor.
b. Books: Y.L. Ershov & S.S. Goncharov & A. Nerode & J.B. Remmel, P. Fletcher (Truth, proof and infinity), F. Kamareddine & R. Nederpelt (The beauty of lambda-calculus), J.W. Nageley (Grand systems of set logic).
c. Correspondence [e-mails]: H.J. Keisler, S. Abramsky, K. Fine, J. Barwise (> editors 'Studies in logic').
d. Correspondence A. Sevenster: S. Abramsky, S. Artemov, J. Barwise, A. Cantini, K. Fine, P. Fletcher, H.J. Keisler.

R7.95

a. J. Barwise, H.J. Keisler resigned as editors. R.A. Shore new editor.
b. Books: W. Felscher (Set theoretical logic, the algebra of models), C. Kuck (Categorial linear algebra and group theory), V.V. Rybakov (Admissability of logical inference rules).
c. Correspondence: C. Kuck (Elsevier).
d. Correspondence A. Sevenster [e-mails 1995, 1996]: W. Hodges, V. Rybakov, R.A. Shore, R.I. Soare.

R7.96

b. Books: G. Brady (The contributions of Peirce, Schröder, Löwenheim and Skolem to the development of first-order logic), W. Felscher (Mathematical logic. Book I, set theoretical logic – algebra of models), M. Kracht (Tools and techniques in modal logic), B. Löwe (ed. Foundations of formal sciences), V.V. Rybakov (Admissability of logical inference rules), R.C. Trundle (Medieval A and Omega of logico-scientific reasoning).
c. Correspondence: D. van Dalen, W. Felscher.
d. Correspondence A. Sevenster (C. van Daalen secr.) [emails 1996-1998]: S Artemov, Buchholz, M. Kracht, B. Löwe, A.J. MacIntyre, R.I. Shore, R.C. Trundle.

R7.97

b. Books: C.J. Ash & J.F. Knight (Computable structures and the hyperarithmetical hierarchy), G. Brady (The contributions of Peirce, Schröder, Löwenheim and Skolem to the development of first-order logic), M. Kracht (Tools and techniques in modal logic),
d. Correspondence A. Sevenster (C. van Daalen secr.): S. Artemov, G. Brady

R7.98

b. Books: M. Holz & K. Steffens (Introduction to cardinal arithmetic).
c. Correspondence: C. van Daalen (secr. A Sevenster), J. van den Heuvel (Elsevier).
d. Correspondence A Sevenster (C. van Daalen secr.).

R7.99

b. Books: R. Fraïssé (Theory of relations) (revision), B. Löwe (Interdisciplinary applications of mathematical logic), M. de Rijke (Combining logic).
d. Correspondence A. Sevenster (C. van Daalen secr.) [emails]: S. Abramsky, S. Artemov, R.I. Shore.

R7.2000

a. A.S. Troelstra resigns as editor.
b. Books: A. Arnold & D. Niwinski (The rudiments of the mu-calculus).
d. Correspondence A. Sevenster (C. van Daalen secr.)

S. Scripties, Proefschriften [Master theses, Ph.D. theses]

A proefschrift" is a thesis for the doctorate at a dutch university, and is comparable to a Ph.D thesis. A "scriptie" (more properly "doctoraal-scriptie") is comparable to a Masters thesis. Below we list theses prepared under Troelstra's direction, or in which he has been otherwise involved. Not all theses prepared under Troelstra are represented! The material is ordered alphabetically by author.

S1. Correspondence *dissertations* (ordered alphabetically in archive and index), Troelstra as promotor and advisor:

a. Administration, correspondence (see also under group B (Brieven)), reports on theses of Ph.D. students: J.F.A.K. van Benthem, I. Bethke, W.J. Blok (T >< Ph. Dwinger, H.C. Doets, Y. Dold-Samplonius, A.J.M van Engelen, A. Hendriks, G.F. van der Hoeven (T > Bestuur SMC), J. van Witsen (> Bestuur W&N), R. Hoofman, T.M.V. Janssen, J.B.N. Joinet (report by T, T > Chenciner), M.B. Kalsbeek, M. van Lambalgen, D. Leivant (J. van Witsen >, T > B.J.L. van den Bogaert), S. Mikulas, I. Moerdijk (T >< F.W. Lawvere, T > decaan Wisk. (math.), H.W. Lenstra > dec wisk, H.W. Lenstra > T, W.T. van Est > T), J. van Oosten, D. Pavlovic, A. Prijatelj (H. Ono > T, aanstelling Prijatelj), G. Renardel de Lavalette, M.C. Retoré (report by J.Y. Girard report by T, T >< A. Chenciner), P.H. Rodenburg, D. Roorda, M. de Rijke, H.A.J.M. Schellinx (T > J.Y. Girard, S. Sasaki (see under B, Brieven), V.Y. Shavrukov, E. Spaan, M.D.G. Swaen, W.H.M. Veldman, F. Veltman, Y. Venema, L.C. Verbrugge, D. Zambella.

b. Opposition for the Ph.D. ceremonies of: F. van Engelen, D. Pavlovic, H. de Swart, J. Terlouw.

S2. *Administration* of Troelstra's master students, programs, results:

I.M. van den Berg, W.M.M. Berkelmans, H.W. Boonstra, R. Dekker, F.H. Dolmans, A.T. Hensbergen, H. ten Kate, G.F. van der Hoeve, R.B. Kleiss, J.J.M. van Leeuwen, S. Mauw, I. Moerdijk, J.M. Niekus, G.J. Niessink, R.D. Nobel, J. van Oosten, G.R. Renardel de Lavalette, H.H. van Riemsdijk, D.J. Schenk, J.O. Stigter, M.D.G. Swaen, F.P. Vos, J.J. Willemen.

S3. *Scripties* (manuscripts of Ms. theses):

Dekker, R., *Brouwers B(r)ouwsels, (aan de hand van 'Consciousness, philosophy and mathematics', Proc. 10th Intern. Congress of Philosophy, Amsterdam, 1948),* (1980).
Ts., 17 sh..

Dolmans, F.H., *A formal proof of the equivalence of the hereditarily, continuous, extensional, recursive functionals and the hereditarily, effective operations*, (19??).
Ms., 43 sh., (bounded).

Hensbergen, A., *Intuitionistische topologie van metrische ruimten*, (VI-1985).
Ms., 85 sh.

Hoeven, G.F. van der, *De eliminatie van Dragalin's eliminatie van wetteloze rijen*, (?).
Ms., 55 + i sh. (with notes by Troelstra, ms. 2 sh.).

Iemhoff, R., *Notions of finiteness*, (29-IX-1995).
Ts., 42 + I sh., (bounded).

Jongh, E.K., *Doctoraalscriptie*, (1973).
Ms., 27 sh..

Leivant, D., *Notes on completeness of the intuitionistic predicate calculus*, (II-1972).
Ts., 37 pp., (bounded).

Moerdijk, I., *Topological spaces in sheaves*, (26-II-1981), (onder begeleiding van A.S. Troelstra, D. van Dalen).
Ms., 36 + I sh..

Niekus, J., *De negatieve-continuiteit-stelling van Brouwer*, (VIII-1984).
a. Ts., 27 sh. [doctoraalscriptie].
b. Scriptie of J. Niekus, *Lakatos, en een stelling van Cauchy, (scriptie n.a.v. appendix van Imre Lakatos, 'Proof and refutations')*, (V-1981); ts., 14 sh. [scriptie filosofie van de wiskunde].

Nobel, R.D., *Een interpretatie van de intuitionistische propositielogica in een systeem van getypte combinatoren,* (?), (onder leiding van D. de Jongh).
Ms., 14 sh.

Oosten, J. van, *GC is sterker dan GC!,* (II-1987).
Ms., 16 sh.

Palmigiano, A., *Normal Gentzen deductions in the classical case*, (IV-1999), ILLC Master's thesis, report Mol-1999-01, 38 pp.
Report.

Renardel de Lavalette, G.R., *The interpolation theorem in fragment of propositional and predicate logic*, (VIII-1979).

Ts., 35 sheets.

Schellinx, H., *Isomorphisms, non-isomorphisims and extensionalisations of graphmodels*, (XI-1989).
a. Ts, 59 sh., (bounded).
b. Scriptie of H. Schellinx, *Doctoraal-scriptie Wiskunde*, Voorlopige versie, (31-VIII-1989), ts, 40 + 3 sh. (bounded).

Scholten, F.P. , *Scriptie*, (19??).
Ms., 35 sh..

Speek, S.L., *Proofs in Multiplicative linear logic*, (13-IX-1994).
Ts., 52 sh. (bounded).

Swaen, M.D.G., *Omgekeerde wiskunde boven een intuitionistische basis*, (1985).
Ms., 34 sh. + 2 sh. introduction (abstract) & corrections.

Willemen, J., *Some completeness properties of intuitionistic predicate logic, exercises in proof-improving*, (IX-1977).
Ms., 40 + 3 sh.

V. Voordrachten [Material concerning (un)published lectures and manuscripts of Troelstra]

The order is chronological by year (sometimes only approximate, or based on an "educated guess"). When a definite title was indicated in the manuscript or announcement of the talk we have indicated this by underlining. **VOx**: Onbekend (unknown)

VO1 *De Nederlandse Vereniging voor Logica en Wijsbegeerte der Exacte Wetenschappen: een terugblik,* (Krantenkop) [The Dutch Society for Logics and Philosophy of the Sciences in retrospect; headlines].
Ms. 7 sh.

VO2 *De formalisering van de intuïtionistische wiskunde.*
Ms. 9 sh. [the formalizing of intuitionistic mathematics]

VO3 *Continuïteit, intuïtionistisch beschouwd*, (19 (?), Heerlen, 2e Nederlands Mathematisch Congres) [continuity, intuitionistically considered].
Ms. 5 sh., abstract.

VO4 *Reelle Zahlen in der konstruktiven Mathematik*, (19 (?), Frankfurt (?), Heidelberg (?)).
Ms. 18 sh.

VO5 *Comparing the theory of representations and constructive mathematics*, (19 (?)).
Ms. 10 sh., 12 transparences.

VO7 *Colloquium recursieve functies.*
Ms. 13 pp. (= 4 sh.), stencil 6 sh. (2x).

VO8 *Partieel geordende systemen en tralies*, (Amsterdam, Algemeen Wiskunde Coloquium) [partially ordered systems and lattices].
Ms. 9 sh.

VO9 *The use of 'Brouwer's principle' in topology*.
Ts. 2 sh.

VO10 *Eindigheids- en oneindigheidsbegrippen in de intuïtionistische wiskunde.* (1964?, aangetroffen tezamen met V1964A) [finite and infinite concepts in intuitionistic mathematics].
Ms. 34 sh.

VO11 *Arend Heyting*. Bestemd voor (intended for) 'Dictionary of scientific biography, supplement II.' (not published (?)).
Ms. 5 sh. + proof. Correspondence (1984, 1985): F.L. Holmes (Dict. Sci. Bibl.), S. Sayre (Dict. Sci. Bibl.)

VO12 *Remarks on intuitionism and the philosophy of mathematics.* [see group B, period 1980 – 1990 under Sieg, W. (with correspondence, corrections and reactions by Troelstra).]

V1961 *Survey of the intuitionistic theory of sequences*, (Oberwolfach 1961); (Nederlandse versie: Delft, 21-X-1969, Amsterdam, 8-X-1969) [dutch version].
Ms. 19 sh.

V62 *Colloquium 'Basisstellingen in polynoomringen'*, (Amsterdam, 31-I-1962, Algemeen

Wiskunde Colloquium). Ms. 'Algemeen overzicht, woe 31-I-1962 [fundamental propositions in polynomial rings; general colloquium in mathematics; overview].

Ms. a. 12+15 pp. (= 16 sh.), b. 2 sh., c. 15 sh.: 'polynomials which are invariant for a group of permutations' + 13 sh.: 'polynomen, invariant t.o.v. een permutatiegroep in de variabelen' [polynomials which are invariant for a group of permutations in the variables], c. analyse van de 'Csp.p.r.' (polynoomringen), 6 sh. + correspondence: E. Artin.

V64 *Tralietheorie en grondslagenonderzoek*, (Amsterdam (Mathematisch Instituut), 1964 – 1965, Colloquium tralietheorie) [lattice theory and research in the foundations].

Stencil 11 sh. (2x); J.M. Aarts, 'Toepassingen van de tralietheorie in de topologie' [applications of lattice theory in topology], 2 sh.

V64A *De P-T-Q-relaties en hun toepassingen*, (doctoraalscriptie, 1964, Wiskunde, Universiteit van Amsterdam (onder prof.dr. A. Heyting) [P-T-Q relations and their applications; Master's thesis for Mathematics, University of Amsterdam; under professor A. Heyting].

Ms. 14 sh.

V65 *Axiomatische intuïtionistische topologie*, (1965, 1e Nederlands Mathemematisch Congres) [axiomatic intuitionistic topology; 1th Dutch Mathematical Congress].

Ms. 7 sh.

V66 *Voordracht over intuïtionistische topologie*, (Utrecht, 3-III-1966, stafcolloquium) [lecture on intuitionistic topology].

Ms. 15 sh.

V66A *The use of 'Brouwer's Principle' in topology*, (Hannover, VIII-1966, European Logic Colloquium). [see also P1968A].

Ms. 7 sh.; Correspondence: K. Schütte.

V67 *The theory of choice sequences*, (Amsterdam, 1967, Third International Congress for Logic, Methodology and Philosophy of Science; Symposium on the foundations of intuitionism). [see also P1968].

Ms. 17 sh.

V68 *Lawless sequences*, (XII-1968, Seminar on intuitionistic analysis).

Ms. (copy) 15 sh.

V69 S*pelen met keuzerijen*, (Amsterdam, 8-X-1969, (woensdag), Algemeen colloquium, Zaal R408) [playing with choice sequences].

Ms. 19 sh.

V69A *Mechanische berekenbaarheid versus creativiteit*, (1969?, Nederlandse Vereniging voor Logica) [mechanical computability versus creativity; Dutch Society for Logic].

Ms. 16 sh.

V69B *A survey of the intuitionistic theory of sequences*, (Oberwolfach, Math. Forschungsinstitut). [See also D1.1969 for abstract.] (Vortragsbuch 19, not in Troelstra Archive))

V1970 *Recent developments in intuitionistic (formal) analysis*, (Leeds, 24-II-1970, 25-II-1970; Oxford, 2-III-1970, 4-III-1970).

Ms. 11 + 8 + 12 sh.

V70 *Remarks on intuitionism*, (How to trade logic for notions, and notions for logic or for other notions), (Oslo, VI-1970, 2nd Scandinavian Logic Symposium).

Ms. 13 sh.

V71 *Realisierbarkeitsbegriffe im Kleeneschen Sinne und ihre Anwendungen*, (*Anwendungen und Erweiterungen des Kleeneschen Realisierbarkeitsbegriffes* (Vortragsbuch 19, not in Troelstra Archive)) (Oberwolfach, 28-III – 4-IV-1971).

a. Ms. 5 sh.

b. *Realisierbarkeit, Anwendungen*, 10 sh.

V72 *Intuitonismus heute*, (Heidelberg, Frieburg i. Br, V-1972).

Ms. 20 sh.

V73 *Are choice sequences mathematically interesting?,* (Swansea, 23-X-1973).

Ms. 9 + 3 sh.

V73A *Non-existential equality*, (Oberwolfach, 8–14-IV-1973), (Vortragsbuch 24, not in Troelstra Archive).

V74 *Konstruktive Mathematik – Theorie und Praxis*, (Heidelberg, Frankfurt a. M., voorjaar

1974).
Ms. 18 sh.

V74A *Realizability and functional interpretations, and models for intuitionistic arithmetic in all finite types*, (Vortragsbuch 26); [*Models for HA-omega* (?)], (Oberwolfach, 27-I – 1-II-1974). [For more information, see D1-1974.]

V75 *Fan-theorem and fan-functional*, (Münster, 14-I-1975).
Ms. 9 sh.

V75A *The validity problem for intuitionistic logic – survey, (*Clermont-Ferrand, 1975 (?), European Logic Colloquium).
Ms. 12 + 11 sh.

V75B *Axioms for intuitionistic mathematics incompatible with classical logic* (Ontario, 5th Int. C. on Logic Methodology and Philosophy of Science) [See also D1.1975C*, P1977A].
Correspondence.

V75C *Completenes of intuitionistic predicate calculus(logic?)*, (Oberwolfach, 20 – 26-IV-1975). [For abstract, see D1-1975A.]. (Votragsbuch 29, not in Troelstra Archive)

V76 *Counterexample completeness*, (Münster, V-1976).
Ms. 5 sh.

V76A *Special cases of generalized continuity wich are conservative over intuitionistic arithmetic*, (Oberwolfach, 1 – 17-IV-1976). [For abstract, see D1.1976A.] (Some special cases of generalised continuity which are conservative w.r.t. arithmetic formulae. (Vortragsbuch 33, not in Troelstra Archive))

V77 *Extensionality, choice, continuity, recursiveness*, (Münster, V-1977).
Ms. 4 sh.

V78 *Extended Bar induction of type 0*, (1978, Madison).
Ms. 8 pp. (= 4 sh.).

V78A *Extended Bar induction of type 0*, (Oberwolfach, 2 – 8-IV-1978). [For abstract, see D1-1978.] (Vortragsbuch 39)

V78B *Projections of lawless sequences*, (Mons (België), 24-VIII-1978, European Logic Colloquium).
Ms. 15 + 4 sh., 2 transparences.

V78C *Reële getallen in de intuïtionistische wiskunde*, (Amsterdam, 25-X-1978, Algemeen Wiskunde Colloquium) [real numbers in intuitionistic mathematics].
Ms. 18 sh.

V78D *Extended bar induction of type 0*, (Oberwolfach, 3-XI-1978). (Votragsbuch 39, not in Troelstra Archive)
Ms. 10 pp. (= 5 sh.). a. G.E. Minc, 'Gödel-Tarski translation is faithful for arithmetic', abstract, 1 sh.

V79 *Intuïtionistische uitbreiding van de reële getallen*, (Groningen, 21-II-1979); (eerder Amsterdam 25-X-1978) [intuitionistic expansion of the real numbers].
Ms. 9 sh.

V79A *Intuitionistische (Konstruktive) Erweiterungen der reellen Zahlen* (Intuitionistic extensions of the real numbers, (Oberwolfach, 23-IV-1979). [for abstract, see D1.1979B.] (Votragsbuch 43, not in Troelstra Archive)
Ms 8 sh.

V79B *Intuitionistic extension of the reals*, (Utrecht, 1-VI-1979, Logic Intercity Seminar).
Ms. 7 sh.

V79C *Some recent development in intuitionism* (or 'Lawless sequences and their uses'), Montecatini, 2-X-1979, Italian National Logic Conference).
a. Ms. *Some recent developments in intuitionism or: lawless sequences and their uses*, 17 sh., 9 transparences.
b. Ms. *Lawless sequences and their uses*, 14 sh., 1 sh. with a remark about printing errors.

V79D *Über einen Operator in der intuitionistischen Propositionslogik*, (Münster, 19-X-1979).
Ms. 14 sh.

V1980 *A new connective in intuitionistic propositional logic*, (Utrecht, 8-II-1980, Logic Intercity Seminar).
Ms. 12 sh.

V80A *On a new propositional operator in intuitionistic logic* (Eine neue Aussagenoperator in der intuitionistischen Logik), (Oberwolfach, IV-1980). [for abstract, see D1-1980.].
Ms. 6 sh. (*A new operator in intyuitionistic propositional logic*, (Vortragsbuch 46, not in Troelstra Archive))

V81 *Modelle der intuitionistischen Analysis*, (Münster, 1981 (?), Arbeitstagung).
Ms. 20 sh.

V81A *Arend Heyting's contribution to intuitionism*, (Utrecht, 31-I-1981, 10.30-11.30, Nederlandse Vereniging voor Logika, Wintersymposium) [= Intercity Colloquium 31-I-1981, 1-II-1981; 31-I-1981 valt samen: the first day in cooperation with Nederlandse Vereniging voor Logika and ANVW [Dutch Society for Logic, Dutch Philosophical Society].
a. Ms. 7 sh.; b. programma NVL en Intercity (3 sh.); c. copie of letters Gödel > Heyting (1931), Glivenko > Heyting (1928), Johansson > Heyting (1935), Heyting > Becker (1933), Bernays > Heyting (1930), Behnke > Heyting (1937) [all from the Heyting Archive, RANH].

V81B *The search for intuitionistic order completions*, (Utrecht, 22-V-1981, Logic Intercity Seminar).
Ms. 11 sh.

V83 *Continuiteit in de mathematische wiskunde*, (Utrecht, 13-III-1983, 12.15-13.15, woensdag; Kaleidoscoop, Mathematisch Instituut Utrecht).
Ms. 10 sh. + program.

V83A *Some examples of truly intuitionistic model theory*, (Oberwolfach, 17 – 23-IV-1983).
Ms. 11 sh. [For abstract, see D1.1983.] (Vortragsbuch 58, not in Troelstra Archive)

V83B *Grondslagen van de wiskunde*, (Amsterdam, XI-1983, voor 1ste jaars; ook in 1984) [The foundations of mathematics; for the freshmen; also in 1984].
Ms. 6 sh. (1983) + 1 sh. (1984).

V84 *Brouwer's Wahlfolgen, früher und heute*, (Frankfurt, 27-I-1984). Ms. 14 sh.

V84A *Strong normalization [and the Church-Rosser theorem] for primitive recursive functionals with [surjective] pairing*, (1984).
Ms. 5 sh.

V84B *Intuïtionisme, de laatste 20 jaar, (1963 – 1983),* (11-II-1984, Nederlandse Vereniging voor Logica) [intuitionism, the last 20 years; Dutch Society for Logic].
Ms. 11 sh.

V84C *Beth's semantiek voor de intuïtionistische logica*, (Utrecht, 24-XI-1984, 10.50 – 11.40, E.W. Beth – Symposium (Evert Willem Beth Stichting en de Nederlandse Vereniging voor Logica), Jaarbeurs Congrescentrum) [E.W. Beth's semantics for intuitionistic logic; symposium of the Evert Willem Beth Foundation and the Dutch Society for Logic].
Ms. 10 sh. + 4 sh. ('Notities bij voordracht A.S. Troelstra') [notes on Troelstra's lecture].; program (stencil).

V85 *Intuitionism*, (Siena, 8-V-1985, woensdag, For the mathematical students, algemene lezing voor de wiskunde studenten).
Ms. 4 pp. (= 2 sh.).

V85A *Gödel's Dialectica paper*, (Florence, 11-V-1985, (Pisa 1985)).
Ms. 11 pp. (6 + 1 sh.) + 6 transparences.

V85B *Martin-Löf's type-theorie*, (Amsterdam, 8-III-1985, Logic Intercity Seminarium).

V85B *Intuitionism and constructivism in mathematics*, (Praag, X-1985).
Ms. 19 sh.

V85C *Martin-Löf's theory of types*, (Oberwolfach, 12 – 26-X-1985). [For abstract, see D1-1985.] (*The syntax of Martin-Löf's theory of types* (Votragsbuch 68, not in Troelstra Archive))

V86 *Martin-Löf's type theory*, (1986 (?), Oberwolfach).
Ms. 6 transparences.

V87 1. *Metamathematics of intuitionism*, 2. *Semantics and completeness of intuitionistic predicate calculus* (Siena, 27 – 30-V-1987, XI Incontro di logica matematica, fondamenti della matematica).
a. Intuitionistic metamathematics, 12 sh.; b. Intuitionistic completeness 9 sh.; c. Friedman's completeness proof, 5 sh.; 3 pp. (= 2 sh.).

V87A *An open problem concerning intensional continuous functionals*, (Oberwolfach, 19 – 25-IV-1987). [For abstract, see D1-1987.] (Vortragsbuch 74, not in Troelstra Archive)

V88 *Het algorithmisch universum*, (Amsterdam, 13-V-1988, Algemeen Wiskunde Colloquium) [the algorithmic universe; general colloquium for mathematics].
Ms. 11 + 1 sh; ts. 2 sh.; 4 transparences. Abstract.

V88A *Remarks of intuitionism and philosophy of mathematics*., (Oberwolfach, 6 – 12-XI-1988). [For abstract, see D1-1988A.*] (Remarks on intuitionism and the philosophy of mathematics* (Vortragsbuch 80, not in Troelstra Archive)

V89 *Klassische Interpretationen des Konstruktivismus*, (Münster, Herfst 1989; Hagen, X-1989).
Ms. 16 sh. (+ 16 copies), 10 transparences (+ 10 corresponding sh.).

V89A *Inleiding lineaire logica*, (21-X-1989, Nederlandse Vereniging voor Logica). [introduction to linear logic; Dutch Society for Logic].
Ms. 12 sh., 16 transparences (+ 12 corresponding copies).

V1990 *A survey of linear logic*, (Münster, 27-V-1990).
Ms. 21 sh., 12 transparences (+ 12 corresponding copies).

V90A *Overzicht functionaal-interpretaties*, (23-XI-1990, Logic Intercity Seminar). [overview of functional interpretations].
Ms. 9 sh., 6 transparences.

V91 *History of constructivism in the 20th Century*, (Stockholm, 25-IV-1991, Dept. of Philosophy; Bern, 7-VI-1991).
Ts. 30 sh. (Stockholm, ms. 4 sh. (Stockholm), aankondiging Bern, ms. 4 pp. (=3 sh.) (Bern), 15 transparencies (+ corresponding copies).

V91A *Introduction to linear logic*, (Eindhoven, 2-X-1991, Informatica colloquium, Philips Research Eindhoven).
Ms. 13 sh., 21 transparences (+ corresponding copies)

V91B *Report on the thesis of E. Palmgren 'On fixed poit operators, inductive definitions and universes in Martin Löf's type theory'*, (Uppsala, 27-IV-1991 om 10.15 uur), (Voordracht als 'faculteitsopponent' bij proefschrift E. Palmgren) [A.S. Troelstra's lecture as opponent during the Ph.D ceremony of E. Palmgren].
Ms. 12 sh..

V91C *A comparison between the theory of representations and realizability by functions* (abstract*)* (Berne, Switzerland, Computer Science Logic '91, 7–11-X-1991).
a. program; b. announcement; c. correspondence. Ts. A.S. Troelstra, A comparison.

V92 *Tutorial on linear logic*, (Washington, DC, 1992, Joint International Conference and symposium on Logic Programming).
Ts. 49 sh., + handout (7 sh.) of the lecture.

V92A *Mathematische logica in Nederland*, (20-XI-1992, 14.00-14.30, Onderzoek-school Logica, Programma openingsmanifestatie) [mathematical logic in the Netherlands; Research School for Logic, Program of the inauguration].
Ms. 12 sh., program + abstract Troelstra.

V93. *Een intuïtionistische kijk op het reële getal*, (vakantiecursus) [An intuitionistic view on the real numbers].
Ts. 15 sh., 20 transparences (+ corresponding copies).

V93A *Natural deduction for intuitionistic linear logic*, (Utrecht, III-1993; Schlosz Dagstuhl (Wadern bei Saarbrücken), IX-1993, Non-classical Logics in Computer Science; Bern (Switzerland), III-1994, International Conference on Proof Theory, Provability Logic and Computation). [for abstract, see D1.93B].
32 Transparences.

V93B *Some statements on 'Constructivity and Computation'*. (Driebergen, VII-1993, Workshop on constructivity and computation (27-VI – 3-VII-1993).
Ms. 2 sh., 2 transparences; ms. by (?) 1 sh..

V94 *Higher-order realizability*, (Realisierbarkeit in Logik höherer Stufen), (München, 24-X-1994, Oberseminar Logik, Universität München, Mathematisches Institut).
Ms. 4 sh., 18 transparences (+ corresponding copies).

V95 *Keuzerijen*, (Leuven, V-1995) [choice sequences].
Ms. 21 sh. + ts. 3 pp. (= 2 sh.).

V95A *De vroege geschiedenis van de bewijsinterpretatie van de intuïtionistische logica*, (24-

VI-1995, 10.15-11.00 uur, Utrecht, (Jaarbeurs Congrescentrum), Nederlandse Vereniging voor Logica) [the dawn of proof interpretation for intuitionistic logic].
Ms. 9 sh., program .

V95B *Structurele bewijstheorie, ofwel waarom we hulpstellingen niet missen kunnen*, (Amsterdam, 25-IX-1995, Lezing Koninkl. Nederl. Ak. van Wetensch., Afdeling Natuurkunde) [structural proof theory, or why we cannot do without the lemmas, lecture Royal Dutch Soc. of Sc., Section Physics].
Ts. 5 pp. (+ 3 sh.), 14 transparences, + program.

V95C *Wat is structurele bewijstheorie?,* (Putten, 5-X-1995, Schooldays) [what is structural proof theory].
Ms. 10 sh., 15 transparences.

V96 *Experiences gained in the writings of books*, (1996 (?), The presentation workshop, Dutch Graduate School in Logic (Onderzoekschool Logica, OZSL).
Ms. 9 sh.

V96A *Choice sequences, a retrospect*, (7-II-1996, Amsterdam (Centrum voor Wiskunde en Informatica), SM50 Mathematics Congress).
Ts. 8 pp. (= 4 sh.) (3x, verschillende versies), abstract (1 sh.), 9 transparences, circulaire N. Temme, 5-2-1996.

V98 *Brouwer's choice sequences*, (4-XI-1998, Utrecht, Logic Panorama).
Ms. (copy), 9 sh. + announcement.

V2000 *Ware en gevoelige verhalen, Afscheidscollege A.S. Troelstra*, (Amsterdam, 18-IX-2000). [true and sensitive stories, A.S. Troelstra's valedictory lecture]

V 2001 *Hundert Jahre Wahlfolgen*, Festkolloquium zur Emeritierung prof.dr. Justus Diller, (2-XI-2001, Münster)
Ts 20 sh.