TEKST NR 62   1983

MATEMATISKE MODELLER

LITTERATUR PÅ
ROSKILDE
UNIVERSITETSBIBLIOTEK

AF ELSE HØYRUP

2. REV. UDGAVE

TEKSTER fra

Matematiske modeller: Litteratur på Roskilde Univer-
sitetsbibliotek. En bibliografi. 2. rev. udgave.
Af Else Høyrup.

_ _

Resumé:

Denne bibliografi, som er en ny udgave af en tidligere,
omfatter bøger om matematiske modeller på Roskilde
Universitetsbibliotek (RUB) indtil maj 1983. Bogtit-
lerne er forsynet med den opstillingssignatur, som
de har på RUB's åbne hylder, og de er ordnet syste-
matisk i emnegrupper, som gennemgås i indholdsforteg-
nelsen. Der er desuden et alfabetisk navneregister.

Bibliografien henvender sig også til folk uden for
RUC, f.eks. gymnasielærere.

MATEMATISKE MODELLER

LITTERATUR PÅ ROSKILDE UNIVERSITETSBIBLIOTEK

EN BIBLIOGRAFI

AF ELSE HØYRUP

2. REV. UDGAVE

ROSKILDE, 1983.

INDHOLDS FORTEGNELSE

FORORD

Denne nye udgave af bibliografien om matematiske modeller
(litteratur på Roskilde Universitetsbibliotek) adskiller
sig fra 1. udgaven ved, at der ikke er medtaget tids-
skriftsartikler særskilt. På næste side nævnes der blot
nogle få tidsskrifter og serier. Til gengæld er der med-
taget flere nye bogtitler - også bøger, som handler lidt
mere bredt om anvendt matematik end 1. udgavens udvalg.

Denne udgave henvender sig ikke blot til folk på Roskilde
Universitet, men også til gymnasielærere, der ønsker at
uddybe deres kendskab til de mange nye anvendelser af
matematikken.

I 1. udgaven var der et udførligt forord om bibliografi-
ens principper. Disse vil kun blive omtalt kort her:
Titlerne er opstillet alfabetisk inden for emnegrupper,
som er lavet ud fra emnet "matematiske modeller", mens
alfabetikken er bestemt ud fra Roskilde Universitetsbib-
lioteks katalogisering. (Ved en forfatter de 3 første
bogstaver i efternavnet, ved en udgiver som regel de 3
første bogstaver af titlen). Under hver titel står den
opstillingssignatur, som bogen har på bibliotekets åbne
hylder.

Nu er der her valgt at tage udgangspunkt i Roskilde Uni-
versitetsbiblioteks samlinger, hvor man har lagt en særlig
vægt på "matematiske modeller"; men man kan selvfølgelig
også forsøge at skaffe bøgerne andetsteds fra.

> Else Høyrup,
> forskningsbibliotekar i matematik,
> Roskilde Universitetsbibliotek,
> maj 1983.

TIDSSKRIFTER OG SERIER

I denne reviderede udgave af modelbibliografien bliver de enkelte tidsskriftsartikler som sagt ikke nævnt særskilt. På Roskilde Universitetsbibliotek står tidsskrifter og løbende serier for sig på fagsalene, og begrebet "matematisk model" kan forekomme i mange af dem. Her vil kun blive nævnt nogle få, som står på den naturvidenskabelige fagsal. (Tallet efter titlen angiver ikke årstal, men opstillingsgruppen i tidsskrifts- og serieafdelingen):

American Mathematical Monthly. 51

Applied Mathematical Modelling. Environmental, Social and Engineering Systems. 51

Berichte der Arbeitsgruppe Mathematisierung. Gesamthochschule Kassel. 51 (i proces)

Bulletin / Institute of Mathematics and Its Applications (=IMA). 51

International Journal of Mathematical Education in Science and Technology. 51

Modeling and Simulation. Proceedings of the ... Annual Pittsburgh Conference. / Ed. by W.G.Vogt and Marlin H.Mickle. I proces: flyttes fra boggruppe 681.3 til tidsskrifts- og seriegruppe 681.3

Tekster fra IMFUFA. 5o

UMAP Modules: Tools for Teaching. (UMAP = Undergraduate Mathematics and Its Applications Project). I proces: flyttes fra boggruppe 51 til tidsskrifts- og seriegruppe 51

1. MATEMATIK-FAG

Aris, R.:

Mathematical Modelling Techniques.
San Francisco: Pitman, 1979. 191 s. (Research Notes in
Mathematics; 24). Orig. 1978.
n 51 Ari

Bender, Edward A.:

An Introduction to Mathematical Modeling.
New York: Wiley, 1978. 256 s. (A Wiley - Interscience
Publication).
n 51 Ben

Bittinger, Marvin L. and Crown, J. Conrad:

Finite Mathematics: A Modeling Approach.
Reading, Mass.: Addison-Wesley, 1979. 1 bd. (flere
pag.).
n 51 Bit

Burghes, David; Huntley, Ian; and McDonald, John:

Applying Mathematics: A Course in Mathematical Model-
ling.
Chichester: Ellis Horwood / Wiley, 1982. 194 s. (Mathe-
matics and Its Applications).
n 51 Bur

Case Studies in Mathematical Modelling.
/ Ed. by D.J.G. James and J.J. McDonald.
Cheltenham: Stanley Thornes, 1981. Ca.224 s.
I bestilling.

Constructive Approaches to Mathematical Models:
Proceedings of a Conference in Honor of R.J. Duffin,
Pittsburgh, Pa. lo-14 July 1978.
/ Ed. by C.V. Coffman and G.J.Fix.
New York: Academic Press, 1979. 458 s.
n 51 Con

Dym, Clive L. and Ivey, Elizabeth S.:
   Principles of Mathematical Modeling.
   New York: Academic Press, 198o. 26o s. (Computer Scien-
   ce and Applied Mathematics).
   n 51 Dym

Frey, Gerhard:
   Die Mathematisierung unserer Welt.
   Stuttgart: Kohlhammer, 1967. 168 s. (Urban Bücher).
   n 51 Fre

Gulliksen, Tor:
   Matematikk i praksis.
   Oslo: Universitetsforlaget, 1981 (?). Ca. 377s.
   I bestilling.

Haberman, Richard:
   Mathematical Models: Mechanical Vibrations, Population
   Dynamics and Traffic Flow: An Introduction to Applied
   Mathematics.
   Englewood Cliffs, N.J.: Prentice-Hall, 1977. 4o2 s.
   n 51 Hab

International Conference...:
   Proceedings of the First International Conference on
   Mathematical Modeling. Aug. 29-Sept.1, 1977, (Rolla,
   MO).
   / Ed. by Xavier J.R.Avula.
   Rolla, Missouri: Department of Engineering Mechanics,
   University of Missouri-Rolla, 1977. 5 bd.
   n 51 Int

International Conference...:
   Proceedings of the Second International Conference on
   Mathematical Modelling. July 11-13, 1979, St.Louis,
   Missouri, USA.
   / Ed.: Xavier J.R.Avula ... (et al.).
   Rolla, Missouri: University of Missouri-Rolla, 198o.
   2 bd.
   n 51 Int

International Seminar on Trends in Mathematical Modelling.
   Venice, 13-18 December 1971. A Unesco Report.
   / Ed. by Nigel Hawkes.
   Berlin: Springer, 1973. 288 s. (Lecture Notes in Eco-
   nomics and Mathematical Systems; 80).
   n 51 Int

Jacoby, Samuel L.S. and Kowalik, Janusz S.:
   Mathematical Modeling with Computers.
   Englewood Cliffs, N.J.: Prentice-Hall, 1980. 292 s.
   n 51 Jac

Lancaster, Peter:
   Mathematics: Models of the Real World.
   Englewood Cliffs, N.J.: Prentice-Hall, 1976. 164 s.
   n 51:57 Lan

Maki, Daniel P. and Thompson, Maynard:
   Mathematical Models and Applications: With Emphasis on
   the Social, Life and Management Sciences.
   Englewood Cliffs, N.J.: Prentice-Hall, 1973. 492 s.
   n 51 Mak

Mathematical Modelling.
   / Ed. by J.G.Andrews and R.R.McLone.
   London: Butterworths, 1976. 260 s.
   n 51 Mat

Mathematisierung der Einzelwissenschaften.
   / Hrsg. B.Booss und K.Krickeberg.
   Basel: Birkhäuser, 1976. 363 s. (Interdisciplinary
   Systems Research Series; 24).
   n 51 Mat

Melzak, Z.A.:
   Companion to Concrete Mathematics.
   2: Mathematical Ideas, Modeling and Applications.
   New York: Wiley, 1976. 413 s. (Pure and Applied Mathe-
   matics).
   n 51 Mel

Newer Uses of Mathematics.
   / Ed. by James Lighthill.
   Harmondsworth, Middlesex, U.K.: Penguin, 1978. 431 s.
   (Penguin Education).
   n 51 New

Olinick, Michael:
   An Introduction to Mathematical Models in the Social
   and Life Sciences.
   Reading, Mass.: Addison-Wesley, 1978. 466 s.
   n 51 Oli

Schools Council. Sixth Form Mathematics Project:
   Mathematics Applicable.
   7: Polynomial Models. Students Unit.
      London: Heineman, 1978. 1o8 s.
   8: Vector Models. Students Unit.
      London: Heineman, 1978. 119 s.

   n 51 Sch

Technology / Mathematics, A Second Level Course:
   Modelling by Mathematics.
   Milton Keynes: Open University Press, 1977. (6 bd.).
   (Open University; TM 281).
   n 51 Tec

1.1 MATEMATIKUNDERVISNING

Kärntner Symposion...:
   Anwendungsorientierte Mathematik in der Sekundarstu-
   fe II: Vorträge d. 1. Kärntner Symposions für Didaktik der
    Mathematik v. 28.9. - 1.1o. 1976 in Klagenfurt.
   / Hrsg. W. Dörfler und R. Fischer.
   Klagenfurt: Heym, 1976. 328 s. (Schriftenreihe Didak-
   tik der Mathematik; 1).
   h 372.851 Kär

1.2 LINEÆR ALGEBRA

Cline, Randall E.:
 Elements of the Theory of Generalized Inverses for
 Matrices.
 Basel & Boston: Birkhäuser, 1979. Ca. 94 s. (UMAP Mono-
 graphs).
 I bestilling.

1.3 MATEMATISK ANALYSE

Bittinger, Marvin L.:
 Calculus: A Modeling Approach.
 2nd. ed. Reading, Mass.: Addison-Wesley, 1980. 544 s.
 (Addison-Wesley Series in Mathematics). Orig. 1976.
 n 517 Bit

Tarp, Allan:
 Matematiske vækstmodeller: Differential- og integral-
 regning.
 København: GMT, 1974. 192 s.
 n 517 Tar

1.3.1 DIFFERENTIAL LIGNINGER ALMENT

Differential Equation Models.
 / Ed. by Martin Braun; Courtney S. Coleman; and Donald
 A. Drew.
 New York: Springer, 1983. 380 s. (Modules in Applied
 Mathematics; 1). Orig. 1978.
 n 517.9 Dif

Heefelt, Mogens Brun:
 Differentialligningsmodeller.

København: Gyldendal, 198o. 171 s.
n 517.9 Hee

1.3.2 DYNAMISKE SYSTEMER

Close, Charles M. and Frederick, Dean K.:
Modeling and Analysis of Dynamic Systems.
Boston, Mass.: Houghton Mifflin, 1978. 66o s.
n 519.7 Clo

McClamroch, N.H.:
State Models of Dynamic Systems: A Case Study Approach.
New York: Springer, 198o. 248 s.
n 519.7 Mac

1.4 DISKRET MATEMATIK

Chartrand, Gary:
Graphs as Mathematical Models.
Belmont, CA: Wadsworth, 1977. 294 s.
n 519.1 Cha

Discrete and System Models.
/ Ed. by William F. Lucas; Fred S. Roberts; and Ro-
bert M. Thrall.
Berlin: Springer, 1983. 353 s. (Modules in Applied
Mathematics; 3). Orig. 1976.
n 519.1 Dis (i proces).

Roberts, Fred S.:
Discrete Mathematical Models: With Applications to
Social, Biological and Environmental Problems.
Englewood Cliffs, N.J.: Prentice-Hall, 1976. 559 s.
n 519.1 Rob

1.5 SANDSYNLIGHEDS REGNING OG STATISTIK

American Statistical Association ...:
   Statistics by Example.
   / Prep. and ed. by the Joint Committee on the Curriculum in Statistics and Probability of the American Statistical Association and the National Council of Teachers of Mathematics.
   Ed. by Frederick Mosteller ... (et al.).
   4: Finding Models.
   London: Addison-Wesley, 1973. 146 s. (Addison-Wesley Innovative Series; 4).
   n 519.2 Ame

Bibby, John and Toutenburg, Helge:
   Prediction and Improved Estimation in Linear Models.
   New York: Wiley, 1977. 188 s. (A Wiley - Interscience Publication).
   n 519.2 Bib

Elandt-Johnson, Regina C. and Johnson, Norman L.:
   Survival Models and Data Analysis.
   New York: Wiley, 1980. 457 s. (Wiley Series in Probability and Mathematical Statistics).
   n 519.2 Ela

Forelæsningsnoter i statistiske modeller.
   / Red. af Søren Tolver Jensen.
   København: Institut for Matematisk Statistik, Københavns Universitet, 1975. 162 s.
   n 519.2 For

Fraser, D.A.S.:
   Inference and Linear Models.
   New York: McGraw-Hill, 1979. 297 s.
   n 519.2 Fra

Humak, K.M.S.:
   Statistische Methoden der Modellbildung.

1: Statistische Inferenz für lineare Parameter.
Berlin: Akademie-Verlag, 1977. 516 s. (Mathematische
Lehrbücher und Monographien).
n 519.2 Hum

Jenkins, Gwilym. M.:
Practical Experiences with Modelling and Forecasting
Time Series.
Jersey: Gwilym Jenkins, 1979. 146 s. (Time Series
Library).
n 519.2 Jen

Johnson, Norman L. and Kotz, Samuel:
Urn Models and Their Applications: An Approach to Mo-
dern Discrete Probability Theory.
New York: Wiley, 1977. 4o2 s. (Wiley Series in Pro-
bability and Mathematical Statistics).
n 519.2 Joh

Jöreskog, Karl G. and Sörbom, Dag:
Advances in Factor Analysis and Structural Equation
Models.
Cambridge, Mass.: Abt Books, 1979. 242 s.
n 519.2 Jör

Kashyap, R.L. and Rao, A. Ramachandra:
Dynamic Stochastic Models from Empirical Data.
New York: Academic Press, 1976. 334 s. (Mathematics
in Science and Engineering; 122).
n 519.2 Kas

Keiding, Niels:
Lecture Notes on the Stochastic Population Model.
Copenhagen: Institute of Mathematical Statistics, Uni-
versity of Copenhagen, 1975. 76 s.
n 519.2 Kei

Lauritzen, Steffen L.:
Statistical Models as Extremal Families.
Aalborg: Aalborg University Press, 1982. 247 s.
n 519.2 Lau

Martin-Löf, Per:
 Statistiska modeller.
 Stockholm: Institutet för försäkringsmatematik och
 matematisk statistik vid Stockholms Universitet, 1973.
 157 s.
 n 519.2 Mar

Mathematics, A Third Level Course:
 Fundamentals of Statistical Inference.
  14: Linear Models: Introduction and Least Squares
   Estimation.
   Milton Keynes: Open University Press, 1977. 91 s.
   (sammen med 13). (Open University;M 341).
  15: Linear Models: Hypothesis Testing and Multiple
   Regression   +:
  16: Linear Models: Design and Analysis of Experiments.
   Milton Keynes: Open University Press, 1977. 99 s.
   (15 + 16). (Open University; M 341).

 -n 519.2 Mat

Maybeck, Peter S.:
 Stochastic Models, Estimation and Control.
 New York: Academic Press, 1979-82. 3 bd.
 I bestilling.

A Modern Course on Statistical Distributions in Scienti-
 fic Work. Proceedings of the NATO Advanced Study In-
 stitute Held at the University of Calgary, Alberta,
 Canada, July 29 - August 1o, 1974.
 / Ed. by G.P.Patil; S. Kotz; and J.K. Ord.
 1: Models and Structures.
  Dordrecht, Holland: D.Reidel, 1975. 424 s. (NATO
  Advanced Study Institute. Ser. C; 17).
 2: Model Building and Model Selection.
  Dordrecht, Holland: D.Reidel, 1975. 399 s. (NATO
  Advanced Study Institute. Ser.C; 17).

 n 519.2 Mod

Neter, John and Wasserman, William:
   Applied Linear Statistical Models: Regression, Analysis
   of Variance, and Experimental Design.
   Homewood, Ill.: Richard D. Irwin, 1974. 842 s.
   n 519.2 Net

Pfeiffer, Paul E.:
   Conditional Independence in Applied Probability.
   Basel & Boston: Birkhäuser, 1978. Ca.168 s. (UMAP
   Monographs).
   I bestilling.

Ross, Sheldon M.:
   Introduction to Probability Models.
   2 nd. ed. New York: Academic Press, 1980. 376 s.
   (Probability and Mathematical Statistics).
   n 519.2 Ros

Searle, S.R.:
   Linear Models.
   New York: Wiley, 1971. 532 s. (A Wiley Publication
   in Mathematical Statistics).
   n 519.2 Sea

Swamy, P.A.V.B.:
   Statistical Inference in Random Coefficient Regression
   Models.
   Berlin: Springer, 1971. 2o9 s. (Lecture Notes in Ope-
   rations Research and Mathematical Systems; 55).
   n 519.2 Swa

Teekens, R.:
   Prediction Methods in Multiplicative Models.
   Rotterdam: Rotterdam University Press, 1972. 121 s.
   n 519.2 Tee

1.6 NUMERISK ANALYSE

Mathematical Models and Numerical Methods.
  / Eds. A.N. Tikhonov ... (et al.).
  Warszawa: PWN - Polish Scientific Publishers, 1978.
  391 s. (Polish Academy of Sciences. Institute of Mathe-
  matics. Banach Center. Publications; 3). Russisk og
  engelsk tekst.
  n 51 Mat

1.7 KYBERNETIK OG SYSTEM TEORI

Clausen, Svend:
  Kybernetik: Systemer og modeller: Et operationsanaly-
  tisk studium.
  Lyngby: IMSOR, Danmarks Tekniske Højskole, 1969. 2o6 s.
  n 519.7 Cla

Control Theory, Numerical Methods and Computer Systems
  Modelling. International Symposium, Rocquencourt, June
  17-21, 1974.
  / Ed. by A. Bensoussan and J.L.Lions.
  Berlin: Springer, 1975. 757 s. (Lecture Notes in Eco-
  nomics and Mathematical Systems; 1o7).
  n 519.7 Con

Forrester, Jay W.:
  Principles of Systems: Text and Workbook, Chapters 1
  Through 1o.
  2nd ed. Cambridge, Mass.: Wright-Allen, 1968. Repr.
  1972, 1973. 1 bd.
  s oo5 For

Global and Large Scale System Models. Proceedings of the
  Center for Advanced Studies International Summer Semi-
  nar, Dubrovnik, Yugoslavia, August 21-26, 1978.
  / Ed. by B. Lazarevic.

Berlin: Springer, 1979. 232 s. (Lecture Notes in Control and Information Sciences; 19).
s oo7 Glo

International Congress ...:
Modern Trends in Cybernetics and Systems. Proceedings of the Third International Congress of Cybernetics and Systems, Bucharest, Romania, August 25-29, 1975. / Ed. by J.Rose and C.Bilciu.
2: Proceedings of Section 2 (Systems and Models),3 (Industrial Cybernetics), and 4 (Cybernetics and Environment).
Berlin: Springer, 1977. 1127 s.

s 007 Int

Kaufmann, A.; Grouchko, D.; and Cruon, R.:
Mathematical Models for the Study of the Reliability of Systems.
New York: Academic Press, 1977. 221 s. (Mathematics in Science and Engineering; 124).
n 519.7 Kau

Schwarzenbach, J. and Gill, K.F.:
System Modelling and Control.
London: Edward Arnold, 1979. 229 s.
n 519.7 Sch

Stochastic Systems: Modeling, Identification and Optimization, I-II. (Proceedings of a Symposium Held in Lexington, Kentucky, 1975).
/ Ed. by Roger J.-B.Wets.
Amsterdam: North-Holland, 1976. 2 bd. (Mathematical Programming Study; 5-6).
n 519.7 Sto

Vemuri, V.:
Modeling of Complex Systems: An Introduction.
New York: Academic Press, 1978. 448 s. (Operations Research and Industrial Engineering).
n 519.7 Vem

1.8 OPERATIONS ANALYSE

American Mathematical Society:
   Operations Research: Mathematics and Models. (Lecture
   Notes Prepared for the American Mathematical Society
   Short Course, Held in Duluth, Minn., August 19-2o,
   1979).
   / Ed. by Saul I. Gass.
   Providence, Rhode Island: American Mathematical Socie-
   ty, 1981. 198 s. (Proceedings of Symposia in Applied
   Mathematics; 25).
   n 519.8 Ame

Dorny, C.Nelson:
   A Vector Space Approach to Models and Optimization.
   Huntington, N.Y.: Robert E. Krieger, 198o. 599 s.
   Orig. 1975.
   n 519.8 Dor

Fischer, Hannelore und Piehler, Joachim:
   Modellsysteme der Operationsforschung: Ein Beitrag
   zur Theorie.
   Berlin: Akademie-Verlag, 1974. 118 s. (Wissenschaft-
   liche Taschenbücher; 145).
   n 519.8 Fis

Kruse Jacobsen, Søren:
   Løsning af strategiske logistikmodeller med MPSX/MIP.
   Foreløbig udg. Lyngby: IMSOR, Danmarks Tekniske Høj-
   skole, 1977. 3o4 s. (IMSOR Forelæsningsnote).
   n 519.8 Kru

Singleton, Robert R. and Tyndall, William F.:
   Games and Programs: Mathematics for Modeling.
   San Francisco: Freeman, 1974. 3o4 s.
   n 519.8 Sin

Williams, H.P.:
   Model Building in Mathematical Programming.
   New York: Wiley, 1979. 33o s. (A Wiley-Interscience

Publication).
n 519.8 Wil

1.9 DATALOGI

Applied Computation Theory: Analysis, Design, Modeling.
/ Ed. by Raymond T. Yeh.
Englewood Cliffs, N.J.: Prentice-Hall, 1976. 624 s.
(Prentice-Hall Series in Automatic Computation).
n 681.3 App

Baker, R.J. and Nelder, J.A.:
The GLIM System. Release 3: Generalised Linear Inter-
active Modelling. A Manual.
Oxford: Rothamsted Experimental Station, 1978. 1 bd.
(forsk. pag.).
n 681.3 Bak

Barnes, Michael F.:
Measurement and Modelling Methods for Computer Systems
Performance Studies.
Purley: Input Two - Nine, 1979. 177 s. (The Langton
Information Systems Series).
n 681.3 Bar

Birtwistle, G.M.:
A System for Discrete Event Modelling on Simula.
London: Macmillan, 1979. 214 s.
n 681.3 Bir

Bundy, Alan:
The Computer Modelling of Mathematical Reasoning.
New York: Academic Press, 1983. Ca. 32o s.
I bestilling.

Buzen, Jeffrey P.:
Queueing Network Models of Multiprogramming.
New York: Garland, 198o. 235 s. (Outstanding Disser-

tations in the Computer Sciences). Orig. 1971.
n 681.3 Buz

Current Trends in Programming Methodology.
/ Ed. by Raymond T. Yeh.
3: Software Modeling.
/ Ed. by K.Mani Chandy.
Englewood Cliffs, N.J.: Prentice-Hall, 1978. 379 s.
n 681.3 Cur

Elmqvist, Hilding:
A Structured Model Language for Large Continuous
Systems.
Lund: Department of Automatic Control, Lund Institute
of Technology, 1978. 226 s. Doktordisputats.
n 681.3 Elm

Hungarian Computer Sciences Conference:
Mathematical Models in Computer Systems. Proceedings
of the Third Hungarian Computer Sciences Conference,
Budapest, January 1981.
/ Ed. by M. Arató and L. Varga.
Budapest: Akadémiai Kiadó, 1981. 371 s.
n 681.3 Hun

International Symposium ...:
Performance of Computer Systems. Proceedings of the
4th International Symposium on Modelling and Perfor-
mance Evaluation of Computer Systems, Vienna, Austria,
February 6-8, 1979.
/ Ed. by M. Arato; A. Butrimenko; and E.Gelenbe.
Amsterdam: North-Holland, 1979. 565 s.
n 681.3 Int

Jensen, Kurt:
Netmodeller i systembeskrivelse.
Aarhus: Aarhus Universitet, 198o. 1 bd. (flere pag.).
Licenciatafhandling.
n 681.3 Jen

Kobayashi, Hisashi:
   Modeling and Analysis: An Introduction to System Per-
   formance Evaluation Methodology.
   Reading, Mass.: Addison-Wesley, 1978. 446 s. (The Sys-
   tems Programming Series).
   n 681.3 Kob

Lehman, Richard S.:
   Computer Simulation and Modeling: An Introduction.
   Hillsdale, N.J.: Lawrence Erlbaum, 1977. 411 s.
   n 681.3 Leh

Progress in Modelling and Simulation. Proceedings of the
   Course Presented During the IASTED Conference Simula-
   tion '8o at Interlaken, Switzerland (June 23-27, 198o).
   / Ed. by Francois E. Cellier.
   New York: Academic Press, 1982. 466 s.
   n 681.3 Pro

Shum, Annie W.:
   Queueing Models for Computer Systems with General Ser-
   vice Time Distributions.
   New York: Garland, 198o. 1 bd. (flere pag.). (Outstan-
   ding Dissertations in the Computer Sciences). Orig.
   1976.
   n 681.3 Shu

Speckhart, Frank H. and Green, Walter L.:
   A Guide to Using CSMP - the Continuous System Modeling
   Program: A Program for Simulating Physical Systems.
   Englewood Cliffs, N.J.: Prentice-Hall, 1976. 325 s.
   n 681.3 Spe

Symposium ...:
   Computer-Assisted Analysis and Model Simplification.
   Proceedings of the First Symposium on Computer-Assis-
   ted Analysis and Model Simplification, University of
   Colorado, Boulder, Colo., March 28, 198o.
   / Ed. by Harvey J. Greenberg and John S. Maybee.

New York: Academic Press, 1981. 522 s.

n 681.3 Sym

Symposium ...:

Methodology in Systems Modelling and Simulation. Pro-
ceedings of the Symposium on Modelling and Simulation
Methodology, Held at the Weiszmann Institute of Science,
Rehovot, Israel, August 13-18, 1978.
/ Ed. by Bernard P. Zeigler ... (et al.).
Amsterdam: North-Holland, 1979. 537 s.
n 681.3 Sym

Zeigler, Bernard P.:

Theory of Modelling and Simulation.
New York: Wiley, 1976. 435 s. (A Wiley-Interscience
Publication).
n 681.3 Zei

2. MATEMATIKKENS OG NATURVIDENSKABERNES FILOSOFI

Badiou, Alain:

Le concept de modèle: Introduction.a une épistémologie
matérialiste des mathématiques.
·Paris: Maspero, 1972. 94 s. (Théorie: Cours de philo-
sophie pour scientifiques, 1967-68; IV). Den franske
original, opr. 1969.
n 5o:1 Bad

Badiou, Alain:

Begreppet modell: Indledning till en materialistisk
vetenskapsteori för matematiken.
Staffanstorp: Bo Cavefors, 1971. 85 s. (BOC-serien:
Kurs i filosofi för vetenskapsmän; 4). Svensk udg. af
den forrige bog.
n 5o:1 Bad

Hendrichs, Hubert:
  Modell und Erfahrung: Ein Beitrag zur Überwindung der
  Sprachbarriere zwischen Naturwissenschaft und Philo-
  sophie.
  Freiburg: Karl Alber, 1973. 128 s.
  n 5o:1 Hen

International Union of History and Philosophy of Sciences:
  The Concept and the Role of the Model in Mathematics
  and Natural and Social Sciences. Proceedings of the
  Colloquium
  / Sponsored by the Division of Philosophy of Sciences
  of the International Union of History and Philosophy
  of Sciences, Utrecht, January 196o;
  Organized by Hans Freudenthal.
  Dordrecht, Holland: D.Reidel, 1961. 194 s. (Synthese
  Library).
  n 5o:1 Int

Scientific Models and Man.
  / Ed. by Henry Harris.
  Oxford: Clarendon Press, 1979. lo2 s. (The Herbert
  Spencer Lectures, Delivered in the University of
  Oxford; 1976).
  h 167 Sci

3. NATURVIDENSKAB OG TEKNIK ALMENT

Mathematische Modellbildung in Naturwissenschaft und
  Technik.
  / Hrsg. von F. Klix ... (et al.).
  Berlin: Akademie-Verlag, 1976. 232 s.
  n 51: 5/6 Mat

Technology Foundation Course, (Open University).
  o: Modelling 1.
    /(Prepared by Michael Hussey).

2nd ed. Bletchley: Open University Press, 1972.
8o s. (Open University;T loo:o).

18: Modelling 2.
/ Prepared by Michael Hussey.
Bletchley: Open University Press, 1972. 48 s.
(Open University; T loo:18).

28-29: Production Systems Modelling and the Production
Environment.
Bletchley: Open University Press, 1972. lo9 s.
(Open University; T loo:28-29).

n 5o Tec

Technology: A Second Level Course:
Systems Behaviour Module.

1: Deep Sea Container Ports - Systems Appraisal and
Simulation Modelling.
Bletchley: Open University Press, 1972. 79 s.
(Open University; T 241).

8: Modelling Economic Systems.
Bletchley: Open University Press, 1973. 77 s.
(Open University; T 241).

n 5/6 Tec

Technology, A Third Level Course:
Systems Modelling.
Milton Keynes: Open University Press, 1975-76. 16 dele.
(Open University; T 341).
n 5/6 Tec

4. FYSIK

Summer Seminar ...:
Modern Modeling of Continuum Phenomena. (Proceedings
of the Ninth Summer Seminar on Applied Mathematics
Held at Rensselaer Polytechnic Institute from July 7
to July 18, 1975).
/ Ed. by Richard C. DiPrima.

Providence, Rhode Island: American Mathematical Socie-
ty, 1977. 251 s. (Lectures in Applied Mathematics; 16).
n 51:53 Sum

Topsøe, Flemming:
Spontane fænomener: En matematisk analyse af radio-
aktivitet m.m.
København: Nyt Nordisk Forlag / Arnold Busck, 1983.
Ca. 152 s.
I bestilling.

5, KEMI OG TEKNISK KEMI

Matematiske modeller i den kemiske industri. Heldagsmøde
den 18. april 1972.
/ Arrangeret af Dansk Ingeniørforenings K-gruppe.
1972. 118 s.
n 66 Mat

Zotos, John:
Mathematical Modeling of the Chemical, Mechanical,
and Physical Properties of Engineering Alloys.
Lexington, Mass.: Lexington Books / D.C.Heath, 1977.
4o4 s.
n 51:66 Zot

6, TEKNIK

Ditlevsen, Ove:
Uncertainty Modeling with Applications to Multidimen-
sional Civil Engineering Systems.
New York: McGraw-Hill, 1981. 411 s.
n 519.2 Dit

Gertsbakh, I.B. and Kordonskiy, Kh. B.:
Models of Failure.

Berlin: Springer, 1969. 166 s. (Engineering Science
Library).
n 519.2 Ger

Gaarslev, Axel:
Operationsanalyse og anlægsteknik: Nogle eksempler
på anvendelse af operationsanalytiske modeller ved
anlægstekniske beslutninger.
København: Polyteknisk Forlag, 1977. 292 s.
n 519.8 Gaa

Hossdorf, Heinz:
Model Analysis of Structures.
New York: Van Nostrand Reinhold, 1974. 239 s. Tysk
orig. 1971.
n 51:624 Hos

Hyvärinen, Lassi:
Mathematical Modeling for Industrial Processes.
Berlin: Springer, 1970. 122 s. (Lecture Notes in Ope-
rations Research and Mathematical Systems; 19).
n 51:62 Hyv

Larson, Harold J. and Shubert, Bruno O.:
Probabilistic Models in Engineering Sciences.
New York: Wiley, 1979. 2 bd.
n 519.2 Lar

7. BIO - FAG

Akademie der Wissenschaften der UdSSR:
Mathematische Modellierung von Lebensprozessen.
/ Akademie der Wissenschaften der UdSSR. Sektion philo-
sophische Probleme biologischer Wissenschaften.
Hrsg. von Hansjürgen Matthies und Fritz Pliquett.
Berlin: Akademie-Verlag, 1972. 232 s. (Moderne Bio-
wissenschaften; 9).
n 51:57 Aka

Atkins, G.L.:
    Multicompartment Models for Biological Systems.
    London: Methuen, 1969. 153 s. (Methuen's Monographs
    on Biological Subjects).
    n 51:57 Atk

Banks, H.T.:
    Modeling and Control in the Biomedical Sciences.
    Berlin: Springer, 1975. 114 s. (Lecture Notes in Bio-
    mathematics; 6).
    n 57 Ban

Engen, S.:
    Stochastic Abundance Models: With Emphasis on Biolo-
    gical Communities and Species Diversity.
    London: Chapman and Hall, 1978. 126 s. (Monographs on
    Applied Probability and Statistics).
    n 519.2 Eng

Foundation of Mathematical Biology.
    / Ed. by Robert Rosen.
    1: Subcellular Systems.
    2: Cellular Systems.
    3: Supercellular Systems.
    New York: Academic Press, 1972-73. 3 bd.
    I bestilling.

Frauenthal, James C.:
    Introduction to Population Modeling.
    Boston: Birkhäuser, 198o. 186 s. (UMAP Expository
    Monograph Series).
    n 51:57 Fra

Goel, Narendra S. and Richter-Dyn, Nira:
    Stochastic Models in Biology.
    New York: Academic Press, 1974. 269 s.
    n 57 Goe

Gold, Harvey J.:
    Mathematical Modeling of Biological Systems: An Intro-

ductory Guidebook.
New York: Wiley, 1977. 357 s. (A Wiley-Interscience
Publication).
n 57 Gol

IFIP-TC4 Working Conference ...:
Mathematical Models in Biology and Medicine. Procee-
dings of the IFIP-TC4 Working Conference on Mathematical
Models in Biology and Medicine, Varna, 6-11 September
1972.
/ Ed. by N.T.J.Bailey; Bi. Sendov; and R.Isanev.
Amsterdam: North-Holland, 1974. 152 s.
n 57 IFI

Life Science Models.
/ Ed. by H.Marcus-Roberts and M.Thompson.
Berlin: Springer, 1983. Ca.467 s. (Modules in Applied
Mathematics; 4).
I bestilling.

MacDonald, Norman:
Time Lags in Biological Models.
Berlin: Springer, 1978. 112 s. (Lecture Notes in Bio-
mathematics; 27).
n 57 Mac

Mathematical Modelling in Biology and Ecology. Procee-
dings of a Symposium Held at the CSIR, Pretoria,
July 1979.
/ Ed. by W.M.Getz.
Berlin: Springer, 1980. 355 s. (Lecture Notes in Bio-
mathematics; 33).
n 57 Mat

Mathematical Models in Biological Discovery.
/ Ed. by D.L.Solomon and C.Walter.
Berlin: Springer, 1977. 240 s. (Lecture Notes in Bio-
mathematics; 13).
n 57 Mat

Mathematical Models in Molecular and Cellular Biology.
   / Ed. by Lee A.Segel.
   Cambridge: Cambridge University Press, 1980. 757 s.
   n 577.2 Mat

Microbial Population Dynamics.
   / Ed. Michael J.Bazin.
   Boca Raton, Florida: CRC Press, 1982. 199 s. (CRC
   Series in Mathematical Models in Microbiology).
   I proces: n 576.8 Mic (?)

Murray, J.D.:
   Lectures on Nonlinear-Differential-Equation Models in
   Biology.
   Oxford: Clarendon Press, 1977. 370 s.
   n 51:57 Mur

La Société Mathématique de France:
   Modeles mathématiques en biologie. Journées de la
   Société Mathématique de France, Montpellier, 22-24
   Novembre 1978.
   / Ed. par C.Chevalet et A. Micali.
   Berlin: Springer, 1981. 219 s. (Lecture Notes in Bio-
   mathematics; 41).
   n 57 Soc

Stochastic Models in Medicine and Biology. Proceedings
   of a Symposium Conducted by the Mathematics Research
   Center, United States Army, at the University of Wis-
   consin, Madison, June 12-14, 1963.
   / Ed. by John Gurland.
   Madison, Wis.: University of Wisconsin Press, 1964.
   393 s.
   n 57 Sto

Thom, René:
   Modèles mathématiques de la morphogénèse: Recueil de
   textes sur la théorie des catastrophes et ses applica-
   tions.

Paris: Union Générale d'Éditions, 1974. 319 s.

n 51:57 Tho

Thom, René:

Structural Stability and Morphogenesis: An Outline of
a General Theory of Models.

Reading, Mass.: W.A.Benjamin, 1976. 348 s.

n 515.1 Tho

Tsetlin, M.L.:

Automaton Theory and Modeling of Biological Systems.

London: Academic Press, 1973. 288 s. (Mathematics in
Science and Engineering; 1o2).

n 57 Tse

Tuchinsky, P.M.:

Man in Competition with Spruce Budworm: An Application
of Differential Equations.

Basel & Boston: Birkhäuser, 1981. Ca.64 s. (UMAP
Monographs).

I proces.

7.1 G E N E T I K

Elandt-Johnson, Regina C.:

Probability Models and Statistical Methods in Genetics.

New York: Wiley, 1971. 592 s. (Wiley Series in Proba-
bility and Mathematical Statistics).

n 575 Ela

Fraser, Alex and Burnell, Donald:

Computer Models in Genetics.

New York: McGraw-Hill, 197o. 2o6 s.

n 575 Fra

7.2 ØKOLOGI

Bartlett, M.S.:
   Stochastic Population Models: In Ecology and Epide-
   mology.
   London: Methuen, 197o. 9o s. (Methuen's Monographs on
   Applied Probability and Statistics).
   n 577.4 Bar

British Ecological Society:
   Mathematical Models in Ecology. The 12th Symposium of
   the British Ecological Society, Grange-over-Sands,
   Lancashire 23-26 March 1971.
   / Ed. by J.N.R.Jeffers.
   Oxford: Blackwell, 1972. 398 s.
   n 51:577.4 Bri

Conference ...:
   State-of-the-Art in Ecological Modelling. Proceedings
   of the Conference on Ecological Modelling, Copenhagen,
   Denmark, 28 August - 2 September 1978.
   / Ed.: S.E.Jørgensen.
   Oxford: Pergamon Press, 1979. 891 s. (Environmental
   Sciences and Applications; 7).
   n 577.4 Con

Cushing, J.M.:
   Integrodifferential Equations and Delay Models in
   Population Dynamics.
   Berlin: Springer, 1977. 196 s. (Lecture Notes in Bio-
   mathematics; 2o).
   n 577.4 Cus

Daget, J.:
   Les modèles mathématiques en écologie.
   Paris: Masson, 1976. 172 s. (Collection d'écologie; 8).
   n 577.4 Dag

Freedman, H.I.:
   Deterministic Mathematical Models in Population
   Ecology.
   New York: Marcel Dekker, 198o. Ca. 264 s. (Pure and
   Applied Math. Ser.; 57).
   I bestilling.

Goel, N.S.; Maitra, S.C.; and Montroll, E.W.:
   On the Volterra and Other Nonlinear Models of Inter-
   acting Populations.
   New York: Academic Press, 1971. 145 s. (A Reviews of
   Modern Physics Monograph).
   n 51:577.4 Goe

Lewis, Edwin R.:
   Network Models in Population Biology.
   Heidelberg: Springer, 1977. 4o2 s. (Biomathematics; 7).
   n 577.4 Lew

The Mathematical Theory of the Dynamics of Biological
   Populations. Based on a Conference, Organised by the
   Institute of Mathematics and Its Applications in Asso-
   ciation with the Institute of Biology, (Oxford, 1972).
   / Ed. by M.S. Bartlett and R.W.Hiorns.
   London: Academic Press, 1973. 347 s.
   n 577.4 Mat

Nisbet, R.M. and Gurney, W.S.C.:
   Modelling Fluctuating Populations.
   New York: Wiley, 1982. 379 s.
   n 577.4 Nis

Okubo, Akira:
   Diffusion and Ecological Problems: Mathematical Models.
   Berlin: Springer, 198o. 254 s. (Biomathematics; 1o).
   n 577.4 Oku

Population Dynamics. Proceedings of a Symposium Conducted
   by the Mathematics Research Center, The University of
   Wisconsin, Madison, June 19-21, 1972.
   / Ed. by T.N.E.Greville.

New York: Academic Press, 1972. 445 s.

n 577.4 Pop

Statistical Ecology.

   / Ed. by G.P.Patil; E.C.Pielou; and W.E.Waters.

   2: Sampling and Modeling Biological Populations and
      Population Dynamics.
      London: Pennsylvania State University Press, 1976.
      42o s.

   n 577.4 Sta

7.3 MEDICIN

Dubin, Neil:

   A Stochastic Model for Immunological Feedback in Car-
   cinogenesis: Analysis and Approximations.
   Berlin: Springer, 1976. 163 s. (Lecture Notes in Bio-
   mathematics; 9).
   n 616 Dub

Eisen, Martin:

   Mathematical Models in Cell Biology and Cancer Chemo-
   therapy.
   Berlin: Springer, 1979. 431 s. (Lecture Notes in Bio-
   mathematics; 3o).
   n 616 Eis

Frauenthal, J.C.:

   Smallpox: When Should Routine Vaccination Be Discon-
   tinued?
   Basel & Boston: Birkhäuser, 1981. 5o s. (UMAP Monographs).
   n 616 Fra

Mathematical Models in Medicine. Workshop, Mainz, March
   1976.
   / Ed. by J.Berger ... (et al.).
   Berlin: Springer, 1976. 281 s. (Lecture Notes in Bio-

mathematics; 11).

n 61 Mat

Probability Models and Cancer. Proceedings of an Interdis-
ciplinary Cancer Study Conference, Berkeley, July 1981.
/ Ed. by Lucien LeCam and Jerzy Neyman.
Amsterdam: North-Holland, 1982. 3ol s.

n 519.2 Pro

Waltman, Paul:

Deterministic Threshold Models in the Theory of
Epidemics.
Berlin: Springer, 1974. lol s. (Lecture Notes in Bio-
mathematics; 1).

n 616 Wal

7.4 LANDBRUG

Bishay, Fahmi K.:

Models for Spatial Agricultural Development Planning.
Rotterdam: Rotterdam University Press, 1974. 172 s.
(Studies in Development and Planning; 3).

n 631:338.23 Bis

Brockington, R.:

Computer Modelling in Agriculture.
Oxford: Clarendon Press, 1979. 16o s.

n 631 Bro

Söderman, Inga:

Markovkedjemodeller av jordbrukets strukturomvandling:
Stokastiske modeller och analyser av företagsnedlägg-
ning och storleksrationalisering inom Örebro län.
Lund: Esselte Studium, 1974. 178 s. (Scandinavian Uni-
versity Books). Doktordisputats.

n 911.3:631 Söd

8. G E O - F A G

Johnston, R.J.:
   Multivariate Statistical Analysis in Geography:
   A Primer on the General Linear Model.
   London: Longman, 1978. 28o s.
   s 91o Joh

Kitching, R.:
   A Mathematical Model of the Akrotiri Plio-Pleistocene
   Gravel Aqifer, Cyprus.
   London: Her Majesty's Stationary Office, 1975. 32 s.
   (Natural Environment Research Council. Institute of
   Geological Sciences. Report; 75/2).
   I proces: n 55o

Models in Geography.
   / Ed. by R.J.Chorley and Peter Haggett.
   London: Methuen, 1977. 816 s.
   s 91o Mod

8.1 K A R T O G R A F I

Nordbeck, Stig and Rystedt, Bengt:
   Computer Cartography: The Mapping System NORMAP:
   Location Models.
   Lund: Studentlitteratur, 1972. 315 s.
   n 528.9 Nor

8.2 H Y D R O L O G I

Gottschalk, Lars:
   Stochastic Modelling of Monthly River Run-Off: A Study
   Based on Multivariate Distribution Functions.
   Lund: Department of Water Resources Engineering, Uni-

versity of Lund, 1975. 2o3 s. (Bulletin Series A; 45).
Doktordisputats.
n 627 Got

Overton, Donald E. and Meadows, Michael E.:
Stormwater Modeling.
New York: Academic Press, 1976. 358 s.
n 556 Ove

Prickett, Thomas A.; Naymik, Thomas G.; and Lonnquist,
Carl G.:
A 'Random-Walk' Solute Transport Model for Selected
Groundwater Quality Evaluations.
Champaign, IL: Illinois Dept. of Energy and Natural
Resources, 1981. 1o3 s. (Illinois Dept. of Energy and
Natural Resources. Bulletin; 65).
n 556 Pri

Svensson, Urban:
A Mathematical Model of the Seasonal Thermocline.
Lund: Institutionen för teknisk vattenresurslära,
Lunds Tekniska Högskola / Lunds Universitet, 1978.
187 s. (Report; 1oo2). Doktorafhandling.
n 51:55 Sve

9. FYSISK PLANLÆGNING

Forrester, Jay W.:
Urban Dynamics.
Cambridge, Mass.: MIT Press, 1973. 285 s.
s 711.4 For

9.1 TRAFIK

Holst Jensen, Olav:
Om planlægning af kollektiv trafik: Operationsanalytiske

modeller og løsningsmetoder.
Lyngby: IMSOR, Danmarks Tekniske Højskole, 1976. 321 s.
n 519.8 Hol

Holst (Jensen), Olav:
Traffic Models.
1: A Survey of Traffic and Transportation Models.
Lyngby: IMSOR, Danmarks Tekniske Højskole, 1977. 67 s.
(IMSOR: Working Paper).
n   519.8 Hol

10. M I L J Ø O G R E S S O U R C E R

Haimes, Yacov Y.:
Hierarchical Analyses of Water Resources System:
Modeling and Optimization of Large-Scale Systems.
New York: McGraw-Hill, 1977. 478 s. (McGraw-Hill Se-
ries in Water Resources and Environmental Engineering).
n 553 Hai

IFIP Working Conference ...:
Modelling, Identification and Control in Environmental
Systems. Proceedings of the IFIP Working Conference
on Modeling and Simulation of Land, Air and Water Re-
sources Systems, Ghent, Belgium, August 3o - September
2, 1977.
/ Ed. by G.C.Vansteenkiste.
Amsterdam: North-Holland, 1978. lo28 s.
n 681.3 IFI

International Conference ...:
Proceedings of the International Conference on Regional
Science, Energy and Environment. Louvain, May 1975.
/ Ed. by M.Chatterji and P. van Rompuy.
2: Environment, Regional Science and Interregional
   Modeling.
   Berlin: Springer, 1976. 211 s. (Lecture Notes in Eco-

nomics and Mathematical Systems; 127).
n 51:33 Int

10.1 ENERGI

NATO Advanced Study Institute ...:
Mathematical Modelling of Energy Systems. (Proceedings
of the NATO Advanced Study Institute on Mathematical
Modelling of Energy Systems, Istanbul, Turkey, June
9-23, 1979).
/ Ed. by Ibrahim Kavrakoğlu.
Alphen aan den Rijn, Holland: Sijthoff & Noordhoff,
1981. 476 s. (NATO Advanced Study Institute Series,
Series E.: Applied Sciences; 37).
n 51:91 NAT

10.2 FORURENING

Belltrami (?), Edward:
The High Cost of Clean Water: Models for Water Quality
Management (?).
Basel & Boston: Birkhäuser, 1982. 53 s. (UMAP Mono-
graphs).
I proces.

Benarie, Michel M.:
Urban Air Pollution Modelling.
London: Macmillan, 198o. 4o5 s. (Air Pollution Problems
Series; 1).
I proces.

Mathematical Models for Environmental Problems. Procee-
dings of the International Conference Held at the Uni-
versity of Southhampton, England, September 8-12, 1975.
/ Ed. by C.A.Brebbia.

London: Pentech Press, 1976. 537 s.
n 51:614.7 Mat

Models for Environment Pollution Control.
/ Ed. by Rolf A.Deininger.
Ann Arbor, Michigan: Ann Arbor Science, 1973. 448 s.
n 51:62 Mod

Worm Nielsen, Niels H. and Saabye, Steffen:
Dynamiske Modeller for Mariager Fjord: Vandskifte og
forurening.
Lyngby: IMSOR, Danmarks Tekniske Højskole, 1973. 142 s.
(IMSOR: Eksamensprojekt).
n 614.7 Wor

11. SAMFUNDS VIDENSKABERNE

Abell, P.:
Model Building in Sociology.
New York: Schocken, 1971. 252 s. (Basic Ideas in the
Human Sciences).
s 3ol.o5.1 Abe

The Analysis of Survey Data.
/ Ed. by Colm A.O'Muircheartaigh and Clive Payne.
2: Model Fitting.
New York: Wiley, 1977. 255 s.
s 3ol.o5.1 Ana

Andersen, Erling B.:
Discrete Statistical Models with Social Science Appli-
cations.
Amsterdam: North-Holland, 198o. 383 s.
n 519.2 And

Bartholomew, D.J.:
Stochastic Models for Social Processes.

2nd ed. London: Wiley, 1973. 411 s.

n 519.2 Bar

Boudon, Raymond:
  Mathematische Modelle und Methoden: Hauptströmungen
  der sozialwissenschaftlichen Forschung.
  Frankfurt/M: Ullstein, 1972. 96 s.
  n 5o:1 Bou

Coats, R.B. and Parkin, A.:
  Computer Models in the Social Sciences.
  London: Arnold, 1977. 184 s.
  n 681.3 Coa

Duncan, Otis Dudley:
  Introduction to Structural Equation Models.
  New York: Academic Press, 1975. 18o s. (Studies in
  Population).
  s 3o1.o5.1 Dun

Goodman, Leo A.:
  Analyzing Qualitative/Categorial Data: Log-Linear
  Models and Latent-Structure Analysis.
  Cambridge, Mass.: Abt Books, 1978. 471 s.
  n 519.2 Goo

Harder, Th.:
  Dynamische Modelle in der empirischen Sozialforschung.
  Stuttgart: Teubner, 1973. 12o s. (Studienskripten zur
  Soziologie).
  n 519.2 Har

Kemeny, John G. and Snell, J.Laurie:
  Mathematical Models in the Social Sciences.
  Cambridge, Mass.: MIT Press, 1973. 145 s. Orig. 1962.
  n 51:3o1.o8 Kem

Lave, Charles A. and March, James G.:
  An Introduction to Models in the Social Sciences.
  New York: Harper and Row, 1975. 421 s.
  s 3o1.o1/.o8 Lav

Mandl, Christoph E.:
   Simulationstechnik und Simulationsmodelle in den
   Sozial- und Wirtschaftswissenschaften.
   Berlin: Springer, 1977. 173 s. (Lecture Notes in Eco-
   nomics and Mathematical Systems; 148).
   n 681.3 Man

Mathematical Models as a Tool for the Social Sciences.
   / Ed. by Bruce J.West.,
   New York: Gordon and Breach, 1980. 120 s.
   n 51:3 Mat

Structural Equation Models in the Social Sciences.
   (Revised Papers Presented at the Conference on Struc-
   tural Equation Models, Madison, Wisconsin, November
   1970).
   / Ed. by Arthur S.Goldberger and Otis Dudley Duncan.
   London: Seminar Press, 1973. 358 s. (Quantitative
   Studies in Social Relations).
   s 301.05.1 Str

Systems Theory in the Social Sciences: Stochastical and
   Control Systems, Pattern Recognition, Fuzzy Analysis,
   Simulation, Behavioral Models. (Workshop Held at Uni-
   versity of Bielefeld, on 1-4 April, 1975).
   / (Ed. by) Hartmut Bossel; Salomon Klaczko; and Nor-
   bert Müller.
   Basel: Birkhäuser, 1976. 552 s. (Interdisciplinary
   Systems Research; 20).
   s 007 Sys

11.1 DEMOGRAFI

Das Gupta, Prithwis:
   A Stochastic Model of Human Reproduction.
   Berkeley, Calif.: Institute of International Studies,
   1973. 129 s. (Population Monographs Series; 11).
   s 312 Das

Feichtinger, G.:

Stochastische Modelle demographischer Prozesse.
Berlin: Springer, 1971. 4o4 s. (Lecture Notes in Ope-
rations Research and Mathematical Systems; 44).
s 312 Fei

Pollard, J.H.:

Mathematical Models for the Growth of Human Populations.
Cambridge: Cambridge University Press, 1973. 186 s.
s 312 Pol

11.2 P O L I T I K

Brams, Steven J.:

Spatial Models of Election Competition.
Basel & Boston: Birkhäuser, 1979. Ca. loo s. (UMAP
Monographs).
I bestilling.

Carbonell, Jaime G.:

Subjective Understanding: Computer Models of Belief
Systems.
Ann Arbor, MI: UMI Research Press, 1981. 285 s. (Com-
puter Science: Artificial Intelligence; 5).
n 681.3 Car

Mathematical Approaches to Politics.

/ Ed. by H.R.Alker, Jr.; K.W.Deutsch; and A.H.Stoetzl.
Amsterdam: Elsevier, 1973. 475 s.
n 51 Mat

Political and Related Models.

/ Ed. by Steven J. Brams; William F.Lucas; and Philip
D.Straffin, Jr.
New York: Springer, 1983. 396 s. (Modules in Applied
Mathematics; 2).
n 51:32 Pol

Straffin, Philip D., Jr.:
  Topics in the Theory of Voting.
  Basel & Boston: Birkhäuser, 1980. Ca. 70 s. (UMAP
  Monographs).
  I proces.

11.3 ØKONOMI

Adaptive Economic Models. Proceedings of a Symposium Con-
  ducted by the Mathematics Research Center, The Univer-
  sity of Wisconsin-Madison, October 21-23, 1974.
  / Ed. by Richard H.Day and Theodore Groves.
  New York: Academic Press, 1975. 581 s. (Publication
  No.34 of the Mathematics Research Center, The Univer-
  sity of Wisconsin-Madison).
  n 51:33 Ada

Andersen, Ellen:
  Træk af makroøkonometriske modellers historie og ud-
  vikling.
  København: Akademisk Forlag, 1975. 143 s. (Københavns
  Universitets Økonomiske Institut; Studie; 20). Doktor-
  disputats.
  s 330.115 And

Andersen, Ellen:
  En model for Danmark 1949-65.
  København: Akademisk Forlag, 1975. 311 s. (Københavns
  Universitets Økonomiske Institut; Studie; 21).
  s 330.115 And

Bhattacharyya, M.N.:
  Comparison of Box-Jenkins and Bonn Monetary Model
  Prediction Performance.
  Berlin: Springer, 1980. 146 s. (Lecture Notes in Eco-
  nomics and Mathematical Systems; 178).
  n 51:33 Bha

Economic Models, Estimation and Risk Programming: Essays
   in Honor of Gerhard Tintner.
   / Ed. by K.A.Fox ... (et al.).
   Berlin: Springer, 1969. 461 s. (Lecture Notes in
   Operations Research and Mathematical Economics; 15).
   n 51:33 Eco

Funke, Ursula H.:
   Mathematical Models in Marketing: A Collection of
   Abstracts.
   Berlin: Springer, 1976. 514 s. (Lecture Notes in Eco-
   nomics and Mathematical Systems; 132).
   n 51:33 Fun

Hansen, Jørgen og Paldam, Martin:
   SMEC - En kvartalsmodel af den danske økonomi.
   København: Det Økonomiske Råds Sekretariat, 1973. 326 s.
   s 338.242 Han

Hermann, Kirsten og Niss, Mogens:
   Beskæftigelsesmodellen i SMEC III: En autentisk
   matematisk model.
   København: Nyt Nordisk Forlag / Arnold Busck, 1982.
   95 s.
   n 51:33 Her

Hildenbrand, K. and Hildenbrand, W.:
   Lineare ökonometrische Modelle.
   Berlin: Springer, 1975. 192 s. (Hochschultext).
   n 51:33 Hil

Intriligator, Michael D.:
   Econometric Models, Techniques, and Applications.
   Amsterdam: North-Holland, 1978. 638 s. (Advanced Text-
   books in Economics; 9).
   s 33o.115 Int

Knudsen, Niels Chr.:
   Production and Cost Models of a Multi-Product Firm:
   A Mathematical Programming Approach.
   Odense: Odense University Press, 1973. 3oo s. (Odense

University Studies in History and Social Sciences; 13).
Doktorafhandling.
n 51:33 Knu

Latent Variables in Socio-Economic Models.
/ Ed.: D.J.Aigner and A.S.Goldberger.
Amsterdam: North-Holland, 1977. 383 s. (Contributions
to Economic Analysis; lo3).
s 33o.115 Lat

Mathematical Model Building in Economics and Industry:
First Series. Being the Collected Papers of a Conference
Organized by C-E-I-R Ltd. and Held in London on 4th
to 6th July 1967.
London: Griffin, 1969. 165 s.
n 51:33 Mat

Mathematical Model Building in Economics and Industry:
Second Series. Being the Collected Papers of Conferen-
ces Organized by Scientific Control Systems Ltd. and
Held in London in June 1968 & June 1969 and Montreal
in October 1969.
/ (Ed. by M.G.Kendall).
London: Griffin, 197o. 277 s.
n 51:33 Mat

Mathematical Models in Economics. Proceedings of the
Symposium on Mathematical Methods of Economics, Febru-
ary - July 1972 and of the Conference on von Neumann
Models lo-15 July 1972.
/ Ed. by Jerzy Loš and Maria W. Loš.
Amsterdam: North-Holland, 1974. 483 s.
n 51:33 Mat

Moeschlin, Otto:
Zur Theorie von Neumannscher Wachstumsmodelle.
Berlin: Springer, 1974. 115 s. (Lecture Notes in Eco-
nomics and Mathematical Systems; 96).
n 51:33 Moe

Puckett, Richard:
   Introduction to Mathematical Economics: Matrix Algebra
   and Linear Economic Models.
   Lexington, Mass.: D.C.Heath, 1971. 276 s.
   n 51 Puc

Richter, Klaus-Jürgen:
   Ökonomisch-mathematische Entscheidungsmodelle im
   Verkehrswesen. Verkehrsökonometrie II.
   2. Aufl.: Berlin: VEB Verlag für Verkehrswesen, 1976.
   268 s. Orig. 1972.
   n 51:33 Ric

Rosted, Jørgen; Schaumann, Alexander; og Sørensen, Chris-
   ten:
   SMEC II: Måling af finanspolitikkens aktivitetsvirk-
   ninger.
   København: Det Økonomiske Råds Sekretariat, 1974.
   212 s.
   s 338.23:336.1 Ros

Stone, Richard:
   Mathematical Models of the Economy and Other Essays.
   London: Chapman and Hall, 197o. 335 s.
   n 51:33 Sto

Systèmes dynamiques et modèles économiques. Université
   d'Aix-Marseille Luminy, 8-13 juillet 1976.
   Paris: Éditions du Centre National de la Recherche
   Scientifique, 1977. 212 s. (CNRS. Colloques interna-
   tionaux; 259).
   n 517.9 Sys

Det Økonomiske Råd (udg.):
   SMEC III.
   / Jan Fabritius ... (et al.).
   København: Det Økonomiske Råds Sekretariat, 1979. 252 s.
   s 338.242 Øko

11.4 VERDENS MODELLER

Dynamics of Growth in a Finite World.
  / Dennis L. Meadows ... (et al.).
  Cambridge, Mass. : Wright-Allen, 1974. 637 s.
  s 338.12.ol7 Dyn

Forrester, Jay W.:
  World Dynamics.
  Cambridge, Mass.: Wright-Allen Press, 1971. 142 s.
  n 338.23: 614.7 For

Grænser for vækst: En rapport til Romklubbens projekt
  vedrørende menneskehedens truede situation.
  / Donella H. Meadows ... (et al.).
  København: Gyldendal, 1972. 199 s. Dansk udg. af bogen.
  s 338.12.ol7 Græ

Hugger, Werner:
  Weltmodelle auf dem Prüfstand: Anspruch und Leistung
  der Weltmodelle von J.W.Forrester und D.Meadows.
  Basel: Birkhäuser, 1974. 178 s. (Interdisciplinary
  Systems Research; 2).
  s 338.12.ol7 Hug

The Limits to Growth: A Report for the Club of Rome's
  Project on the Predicament of Mankind.
  / Donella H. Meadows ... (et al.).
  London: Earth Island, 1972. 2o5 s. (A Potomac Associa-
  tes Book). Eng. udg. af bogen.
  s 338.12.ol7 Lim

Meadows, Dennis L. and Meadows, Donella H.:
  Towards Global Equilibrium: Collected Papers.
  Cambridge, Mass.: Wright-Allen Press, 1973. 358 s.
  n 577.4 Mea

Meadows, Donella; Richardson, John; and Bruckmann, Ger-
  hart:
  Groping in the Dark: The First Decade of Global Model-

ling.
New York: Wiley, 1982. 311 s.
s 33o.lol Mea

Mesarovic, Mihajlo and Pestel, Eduard:
  Mankind at the Turning Point: The Second Report to the
  Club of Rome.
  New York: E.P.Dutton, 1974. 21o s. Amr. udg. af bogen.
  s 338.12.ol7 Mes

Mesarovic, Mihajlo og Pestel, Eduard:
  Hvilke grænser for vækst: Romklubbens 2. rapport.
  København: Gyldendal, 1975. 2o2 s. Dansk udg. af bogen.
  s 338.12.ol7 Mes

11.5 VABEN - MILITÆR VÆSEN

Exploring Competitive Arms Processes: Applications of
  Mathematical Modeling and Computer Simulation in Arms
  Policy Analysis.
  / Ed. by W. Ladd Hollist.
  New York: Marcel Dekker, 1978. 279 s.
  n 51:32 Exp

11.6 MANAGEMENT

Charnes, A. and Cooper, W.W.:
  Management Models and Industrial Applications of
  Linear Programming.
  London: Wiley, 1967. 467 s.
  n 519.8 Cha

Elmaghraby, Salah E.:
  Some Network Models in Management Science.
  Berlin: Springer, 197o. 176 s. (Lecture Notes in Eco-

nomics and Mathematical Systems; 29).
s oo7.4 Elm

Forrester, Jay W.:
   Industrial Dynamics.
   Cambridge, Mass.: MIT Press, 1961. 464 s. Repr. 1972.
   s 658.ol For

Operationsforschung in der sozialistischen Wirtschaft:
   Mit bewährten Modellen aus der Praxis.
   / (Autoren: Hannelore Fischer ... et al.).
   Berlin: Dietz Verlag, 1969. 939 s. (Schriften zur
   sozialistischen Wirtschaftsführung).
   s 658.5 Ope

12. P S Y K O L O G I

Computer Models of Thought and Language.
   / Ed. by Roger C. Schank and Kenneth Mark Colby.
   San Francisco: Freeman, 1973. 454 s. (A Series of Books
   in Psychology).
   h 159.95 Com

Deppe, Wolfgang:
   Formale Modelle in der Psychologie. Eine Einführung.
   Stuttgart: Kohlhammer, 1977. 184 s. (Kohlhammer-
   Standards Psychologie: Basisbücher und Studientexte).
   h 159.9.ol/.o7 Dep

Norman, M.Frank:
   Markov Processes and Learning Models.
   London: Academic Press, 1972. 274 s. (Mathematics in
   Science and Engineering; 84).
   n 519.2 Nor

Rasch, Georg:
   Probabilistic Models for Some Intelligence and Attain-
   ment Tests.

Expanded ed. Chicago: University of Chicago Press,
198o. 199 s.
h 159.928 Ras

Rickenbacher, Richard:
Lernen und Motivation als relevansgesteuerte Datenver-
arbeitung: Ein Computer-Simulationsmodell elementarer
kognitiv-affektiver Prozesse.
Stuttgart: Birkhäuser, 1975. 243 s. (Interdisciplinary
Systems Research; 9).
h 159.953 Ric

Uhr, Leonard:
Pattern Recognition, Learning and Thought: Computer-
Programmed Models of Higher Mental Processes.
Englewood Cliffs, N.J.: Prentice-Hall, 1973. 5o6 s.
(Prentice-Hall Series in Automatic Computation).
n 681.3 Uhr

13. UDDANNELSE ALMENT

Munck, Ingrid M.E.:
Model Building in Comparative Education: Applications
of the LISREL Method to Cross-National Survey Data.
Stockholm: Almqvist & Wiksell, 1979. 199 s. (IEA Mono-
graph Studies; lo).
n 51:37 Mun

14. LINGVISTIK

Gross, Maurice:
Mathematical Models in Linguistics.
Englewood Cliffs, N.J.: Prentice-Hall, 1972. Ca. 159 s.
(Foundation of Modern Linguistics Ser.).
I antikvarisk bestilling.

15. KUNST

Stiny, George and Gips, James:
Algorithmic Aesthetics: Computer Models for Criticism
and Design in the Arts.
Berkeley, CA: University of California Press, 1978.
22o s.
n 681.3 Sti

NAVNE REGISTER

1/78 "TANKER OM EN PRAKSIS" - et matematikprojekt.

Projektrapport af Anne Jensen, Lena Lindenskov, Ma-
rianne Kesselhahn og Nicolai Lomholt.

Vejleder: Anders Madsen.

2/78 "OPTIMERING" - Menneskets forøgede beherskelsesmu-
ligheder af natur og samfund.

Projektrapport af Tom J. Andersen, Tommy R. Ander-
sen, Gert Kreinoe og Peter H. Lassen.

Vejleder: Bernhelm Booss.

3/78 "OPGAVESAMLING", breddekursus i fysik.

Lasse Rasmussen, Aage Bonde Kræmmer, Jens Højgaard
Jensen.

4/78 "TRE ESSAYS" - om matematikundervisning, matematik-   Nr. 4 er p.t. udgået.
·læreruddannelsen og videnskabsrindalismen.

Mogens Niss.

5/78 "BIBLIOGRAFISK VEJLEDNING til studiet af DEN MO-
DERNE FYSIKS HISTORIE".

Helge Kragh.

6/78 "NOGLE ARTIKLER OG DEBATINDLÆG OM - læreruddannel-
se og undervisning i fysik, og - de naturvidenskabe-
·lige fags situation efter studenteroprøret".

Karin Beyer, Jens Højgaard Jensen og Bent C. Jør-
gensen.

7/78 "MATEMATIKKENS FORHOLD TIL SAMFUNDSØKONOMIEN".   Nr. 7 er udgået.

B.V. Gnedenko.

8/78 "DYNAMIK OG DIAGRAMMER". Introduktion til
energy-bound-graph formalismen.

Peder Voetmann Christiansen.

9/78 "OM PRAKSIS' INDFLYDELSE PÅ MATEMATIKKENS UDVIK-
LING". - Motiver til Kepler's:"Nova Stereometria
Doliorum Vinarioum".

Projektrapport af Lasse Rasmussen.

Vejleder: Anders Madsen.

10/79 "TERMODYNAMIK I GYMNASIET".

Projektrapport af Jan Christensen og Jeanne Mor-
tensen.

Vejledere: Karin Beyer og Peder Voetmann Christi-
ansen.

11/79 "STATISTISKE MATERIALER"

red. Jørgen Larsen

12/79 "LINEÆRE DIFFERENTIALLIGNINGER OG DIFFERENTIALLIG-
NINGSSYSTEMER".

Mogens Brun Heefelt

13/79 "CAVENDISH'S FORSØG I GYMNASIET".

Projektrapport af Gert Kreinoe.

Vejleder: Albert Chr. Paulsen

14/79 "BOOKS ABOUT MATHEMATICS: History, Philosophy, Edu-   Nr. 14 er p.t. udgået.
       cation, Models, System Theory, and Works of
       Reference etc. A Bibliography".
       Else Høyrup.

15/79 "STRUKTUREL STABILITET OG KATASTROFER i systemer i
       og udenfor termodynamisk ligevægt".
       Specialeopgave af Leif S. Striegler.
       Vejleder: Peder Voetmann Christiansen.

16/79 "STATISTIK I KRÆFTFORSKNINGEN".
       Projektrapport af Michael Olsen og Jørn Jensen.
       Vejleder: Jørgen Larsen.

17/79 "AT SPØRGE OG AT SVARE i fysikundervisningen".
       Albert Christian Paulsen.

18/79 "MATHEMATICS AND THE REAL WORLD", Proceedings of an
       International Workshop, Roskilde University Centre,
       Denmark, 1978. Preprint.
       Bernhelm Booss & Mogens Niss (eds.).

19/79 "GEOMETRI, SKOLE OG VIRKELIGHED".
       Projektrapport af Tom J. Andersen, Tommy R. Andersen
       og Per H.H. Larsen.
       Vejleder: Mogens Niss.

20/79 "STATISTISKE MODELLER TIL BESTEMMELSE AF SIKRE DOSER
       FOR CARCINOGENE STOFFER".
       Projektrapport af Michael Olsen og Jørn Jensen.
       Vejleder: Jørgen Larsen.

21/79 "KONTROL I GYMNASIET - FORMÅL OG KONSEKVENSER".
       Projektrapport af Crilles Bacher, Per S. Jensen, Pre-
       ben Jensen og Torben Nysteen.

22/79 "SEMIOTIK OG SYSTEMEGENSKABER (1)".
       1-port lineært response og støj i fysikken.
       Peder Voetmann Christiansen.

23/79 "ON THE HISTORY OF EARLY WAVE MECHANICS - with special
       emphasis on the role of realitivity".

24/80 "MATEMATIKOPFATTELSER HOS 2.G'ERE". ..   Nr. 24 a+b er p.t. udgået.
a+b   1. En analyse. 2. Interviewmateriale.
       Projektrapport af Jan Christensen og Knud Lind-
       hardt Rasmussen.
       Vejleder: Mogens Niss.

25/80 "EKSAMENSOPGAVER", Dybdemodulet/fysik 1974-79.

26/80 "OM MATEMATISKE MODELLER".   Nr. 26 er p.t. udgået.
       En projektrapport og to artikler.
       Jens Højgaard Jensen m.fl.

27/80 "METHODOLOGY AND PHILOSOPHY OF SCIENCE IN PAUL
       DIRAC's PHYSICS".
       Helge Kragh.

28/80 "DIELEKTRISK RELAXATION - et forslag til en ny model
       bygget på væskernes viscoelastiske egenskaber".
       Projektrapport, speciale i fysik, af Gert Kreinøe.
       Vejleder: Niels Boye Olsen.

29/80 "ODIN - undervisningsmateriale til et kursus i differentialligningsmodeller".

Projektrapport af Tommy R. Andersen, Per H.H. Larsen og Peter H. Lassen.

Vejleder: Mogens Brun Heefelt

30/80 "FUSIONSENERGIEN - - - ATOMSAMFUNDETS ENDESTATION".

Oluf Danielsen.

Nr. 30 er udgået.

Udkommer medio 1982 på Fysik-, Matematik- og Kemilærernes forlag.

31/80 "VIDENSKABSTEORETISKE PROBLEMER VED UNDERVISNINGSSYSTEMER BASERET PÅ MÆNGDELÆRE".

Projektrapport af Troels Lange og Jørgen Karrebæk.

Vejleder: Stig Andur Pedersen.

Nr. 31 er p.t. udgået

32/80 "POLYMERE STOFFERS VISCOELASTISKE EGENSKABER - BELYST VED HJÆLP AF MEKANISKE IMPEDANSMALINGER OG MØSSBAUEREFFEKTMALINGER".

Projektrapport, speciale i fysik, af Crilles Bacher og Preben Jensen.

Vejledere: Niels Boye Olsen og Peder Voetmann Christiansen.

33/80 "KONSTITUERING AF FAG INDEN FOR TEKNISK-NATURVIDENSKABELIGE UDDANNELSER. I-II".

Arne Jakobsen.

34/80 "ENVIRONMENTAL IMPACT OF WIND ENERGY UTILIZATION".

ENERGY SERIES NO.1.

Bent Sørensen.

Nr. 34 er udgået.

Publ. i "Renewable Sources of Energy and the Environment", Tycooli International Press, Dublin, 1981.

35/80 "HISTORISKE STUDIER I DEN NYERE ATOMFYSIKS UDVIKLING".

Helge Kragh.

36/80 "HVAD ER MENINGEN MED MATEMATIKUNDERVISNINGEN ?".

Fire artikler.

Mogens Niss.

37/80 "RENEWABLE ENERGY AND ENERGY STORAGE".

ENERGY SERIES NO.2.

Bent Sørensen.

38/81 "TIL EN HISTORIETEORI OM NATURERKENDELSE, TEKNOLOGI OG SAMFUND".

Projektrapport af Erik Gade, Hans Hedal, Henrik Lau og Finn Physant.

Vejledere: Stig Andur Pedersen, Helge Kragh og Ib Thiersen.

39/81 "TIL KRITIKKEN AF VÆKSTØKONOMIEN".

Jens Højgaard Jensen.

40/81 "TELEKOMMUNIKATION I DANMARK - oplæg til en teknologivurdering".

Projektrapport af Arne Jørgensen, Bruno Petersen og Jan Vedde.

Vejleder: Per Nørgaard.

41/81 "PLANNING AND POLICY CONSIDERATIONS RELATED TO THE INTRODUCTION OF RENEWABLE ENERGY SOURCES INTO ENERGY SUPPLY SYSTEMS".

ENERGY SERIES NO.3.

Bent Sørensen.

42/81 "VIDENSKAB TEORI SAMFUND - En introduktion til
materialistiske videnskabsopfattelser".

Helge Kragh og Stig Andur Pedersen.

43/81 1. "COMPARATIVE RISK ASSESSMENT OF TOTAL ENERGY
SYSTEMS".

2. "ADVANTAGES AND DISADVANTAGES OF DECENTRALIZATION".

ENERGY SERIES NO.4.

Bent Sørensen.

44/81 "HISTORISK UNDERSØGELSE AF DE EKSPERIMENTELLE FORUDSÆT-
NINGER FOR RUTHERFORDS ATOMMODEL".

Projektrapport af Niels Thor Nielsen.

Vejleder: Bent C. Jørgensen.

45/82

46/82 "EKSEMPLARISK UNDERVISNING OG FYSISK ERKENDELSE -
I+II ILLUSTRERET VED TO EKSEMPLER".

Projektrapport af Torben O. Olsen, Lasse Rasmussen og
Niels Dreyer Sørensen.

Vejleder: Bent C. Jørgensen.

47/82 "BARSEBACK OG DET VÆRST OFFICIELT-TÆNKELIGE UHELD".

ENERGY SERIES NO.5.

Bent Sørensen.

48/82 "EN UNDERSØGELSE AF MATEMATIKUNDERVISNINGEN PÅ AD-
GANGSKURSUS TIL KØBENHAVNS TEKNIKUM".

Projektrapport af Lis Eilertzen, Jørgen Karrebæk,
Troels Lange, Preben Nørregaard, Lissi Pedersen, Laust
Rishøj, Lill Røn, Isac Showiki.

Vejleder: Mogens Niss.

49/82 "ANALYSE AF MULTISPEKTRALE SATELLITBILLEDER".

Projektrapport af Preben Nørregaard.

Vejledere: Jørgen Larsen & Rasmus Ole Rasmussen.

50/82 "HERSLEV - MULIGHEDER FOR VEDVARENDE ENERGI I EN
LANDSBY". ENERGY SERIES NO.6.

Rapport af Bent Christensen, Bent Hove Jensen, Dennis
B. Nøller, Bjarne Laursen, Bjarne Lillethorup og Ja-
cob Mørch Pedersen.

Vejleder: Bent Sørensen.

51/82 "HVAD KAN DER GØRES FOR AT AFHJÆLPE PIGERS BLOKERING
OVERFOR MATEMATIK?"

Projektrapport af Lis Eilertzen, Lissi Pedersen, Lill
Røn og Susanne Stender.

52/82 "DESUSPENSION OF SPLITTING ELLIPTIC SYMBOLS"

Bernhelm Booss & Krzysztof Wojciechowski.

53/82 "THE CONSTITUTION OF SUBJECTS IN ENGINEERING
EDUCATION".

Arne Jakobsen & Stig Andur Pedersen.

54/82 "FUTURES RESEARCH" - A Philosophical Analysis of Its
Subject-Matter and Methods.

Stig Andur Pedersen & Johannes Witt-Hansen.

55/82 "MATEMATISKE MODELLER" - Litteratur på Roskilde   Vedr. tekst nr. 55/82:
      Universitetsbibliotek.   Se også tekst 62/83.

      En bibliografi.

      Else Høyrup.

56/82 "ÉN - TO - MANGE" -
      En undersøgelse af matematisk økologi.

      Projektrapport af Troels Lange.

      Vejleder: Anders Madsen.

57/83 "ASPECT EKSPERIMENTET" -   Nr. 57 er udgået.
      Skjulte variable i kvantemekanikken?

      Projektrapport af Tom Juul Andersen.

      Vejleder: Peder Voetmann Christiansen.

58/83 "MATEMATISKE VANDRINGER" - Modelbetragtninger
      over spredning af dyr mellem småbiotoper i
      agerlandet.

      Projektrapport af Per Hammershøj Jensen &
      Lene Vagn Rasmussen.

      Vejleder: Jørgen Larsen.

59/83 "THE METHODOLOGY OF ENERGY PLANNING".

      ENERGY SERIES NO. 7.

      Bent Sørensen.

60/83 "MATEMATISK MODEKSPERTISE" - et eksempel.

      Projektrapport af Erik O. Gade, Jørgen Karrebæk og
      Preben Nørregaard.

      Vejleder: Anders Madsen.

61/83 "FYSIKS IDEOLOGISKE FUNKTION", som et eksempel på
      en naturvidenskab - historisk set.

      Projektrapport af Annette Post Nielsen.

      Vejledere: Jens Høyrup, Jens Højgaard Jensen og
                 Jørgen Vogelius.

62/83 "MATEMATISKE MODELLER" - Litteratur på Roskilde
      Universitetsbibliotek.

      En bibliografi. 2. rev. udgave

      Else Høyrup

63/83 "CREATING ENERGY FUTURES: A SHORT GUIDE TO
      ENERGY PLANNING".

      ENERGY SERIES No. 8

      David Crossley & Bent Sørensen