CURRICULUM VITAE Sven Axsäter January 12, 2010

Personal Information

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Date and Place of Birth	May 16, 1941, Stockholm, Sweden
Citizenship	Swedish
Marital Status	Married, three children

Current Position

Professor
Department of Industrial Management and Logistics
Lund University
P.O. Box 118
S-221 00 Lund, Sweden

Education (after high school and military service)

Master of Science in Technical Physics, Royal Institute of Technology, Stockholm, 1965

Tekn lic in Optimization and Systems Theory, 1967. Grade: Laudatur. Thesis: Sub-Optimal Time-Variable Feedback Control of Linear Dynamic Systems with Random Inputs

Research Fellowship, Stanford University, USA, 1967-1968

Docent, Linköping Institute of Technology, 1977

Positions

Royal Institute of Technology, Stockholm	Assistant, 1963-1968
Datema AB	Consultant in Operations Research, 1969-1970 Main fields of work: Multi-echelon inventory systems, Production planning in board industry, Transport planning for a Swedish oil company
Esselte ARKO AB	Consultant in Operations Research, 1970-1972 Main fields of work: Development and implementation of production and inventory control systems, Simulation studies of budgetary problems, Long range planning
Linköping Institute of Technology	Assistant Professor of Production Economics, 1972-1982, Acting Professor of Optimization, Fall 1977, Acting Professor of Production Economics, 1978-1979, Head of the department of Production Economics, 1978-1979, Professor of Production Economics, especially Production and Inventory Control, 1982-1984,
North Carolina State University	Visiting Professor, Graduate Program in Operations Research, 1980
Luleå University of Technology	Professor of Transportation and Material Flow Systems, 1984-1993
Lund University	Professor of Production Management, 1993-, Head of the Department of Industrial Management and Logistics, 2004-2006
Hong Kong University of Science and Technology	Visiting Professor, Department of Industrial Engineering and Logistics Management, Fall 2001 and October 2004
Hong Kong Polytechnic University	Visisting Professor, Department of Logistics, January 2007
Hong Kong Polytechnic University	Visiting Professor, Department of Industrial and Systems Engineering, September 2007 and September 2008
Nanyang Technological University	Visiting Professor, Nanyang Business School, January – March 2009
Nanyang Technological University	Visiting Professor, Div. of Systems and Engineering Management, November-December 2009

Other Professional Activities

Teacher in several short courses for industry, 1966-

Private consultant to several industrial organizations 1972-

Project leader for research projects supported by STU, 1975-1991

Research on decentralized production planning for Swedish Employers' Confederation, 1977-1979

Decision group, the Swedish Transport and Communications Research Board, 1985-1993

Project leader for research projects supported by the Swedish Transport and Communications Research Board, 1985-2001

Project leader for research project supported by Bilspedition AB, 1991-1995

Project leader for research project supported by the Swedish Research Council for Engineering Sciences, 1995-1997

Editorial Board, *European Journal of Operational Research*, 1985-

Editorial Board, *International Journal of Production Research*, 1986-1997

Editorial Board, *Annals of Management Science*, 1989-

Editorial Board, *Management Science Research*, 1989-

Area Editor, *Production and Operations Management*, 1990-2003

Associate Editor, *IIE Transactions*, 1993-1996

Editorial Board, *IIE Transactions*, 1996-2006

Editorial Board, *International Journal of Production Economics*, 1994-

International Advisory Board, *International Journal of Operations and Quantitative Management*, 1994-

Associate Editor, *Operations Research*, 1996-2006

Editorial Board, *Manufacturing & Service Operations Management*, 1996-2000, 2003-2006

Advisory Board, *Encyclopedia of Information Systems*, 1999-

Associate Editor, *Management Science*, 2000-2006

Editor, *OR Spektrum*, 2001-2006

Associate Editor, *Decision Sciences*, 2004-2006

Editorial Board, *International Journal of Operational Research*, 2004-

Editorial Board, *International Journal of Inventory Research*, 2004-

Chairman of European Working Group for Production and Inventory Control, 1979-1995

Vice President, International Society for Inventory Research, 1990-1994

President, International Society for Inventory Research, 1996-1998

Board member, Production and Operations Management Society, 1990-1993

Vice President, Production and Operations Management Society, 1993-1996

Member, Royal Swedish Academy of Engineering Sciences, 1995-

Board member, Institute for Management of Innovation and Technology, 1994-2000

Operations Research, Meritorious Service Award, 2000, 2002

Service Award, International Society for Inventory Research, 2000

Fellow, International Society for Inventory Research, 2002-

Board of Directors, Production and Operations Management Society, 2004-2006

Awarded the Harold Larnder Memorial Prize for Distinguished International Achievement in Operational Research by the Canadian Operational Research Society, 2005

MSOM Distinguished Fellow Award, 2008

Board member NGIL, 2008-

External advisor for professorships in several countries

Referee for many major scientific journals

Member of program committee and session chairman for many international scientific conferences

PUBLICATIONS

Books

A 1 *Produktionsekonomi*, Ingenjörsförlaget, Stockholm 1976.

A 2 *Proceedings of the First International Working Seminar on Production Economics*, Editor (with R.W. Grubbström), Special Issue, *Engineering and Process Economics*, Vol 4, No 2/3, 1979.

A 3 *Produktionsplanering och –styrning*, Studentlitteratur, Lund 1979.

A 4 *Multi-Stage Production Planning and Inventory Control*, Editor (with C. Schneeweiss and E.A. Silver), Springer Verlag, Berlin, Heidelberg, 1986.

A 5 *MA - ekonomi och metodik* (with G. Bergendahl), Norstedts förlag, Stockholm, 1989.

A 6 *Lagerstyrning*, Studentlitteratur, Lund, 1991.

A 7 *Inventory Control*, Second edition, Springer, New York, 2006. Also published by Tsinghua University Press, China, 2007.

Professional Journal Articles

B 1 Sub-Optimal Time-Variable Feedback Control of Linear Dynamic Systems with Random Inputs, *International Journal of Control*, Vol. 4, No. 6, 1966, pp 549-566.

B 2 Bättre metoder ger modern styrteori, *Modern Datateknik*, Nr 12, 1967, pp 39-42.

B 3 En modell för bestämmande av optimal bensinskatt (with G. Bergendahl), *Socialökonomen*, 1, 1971.

B 4 Kan man mäta effekten av ett lagerstyrningssystem, *Hanteringsekonomi*, Nr 1-2, 1973.

B 5 On the Dynamics of Inventory Control Systems, *International Journal of Production Research*, Vol. 12, No. 3, 1974, pp 289-298.

B 6 Coordinating Control of Production-Inventory Systems, *International Journal of Production Research*, Vol. 14, No. 6, 1976, pp 669-688.

B 7 Balance of Integrated Production-Inventory Systems, in Roubens, M. (Ed.), *Advances in Operations Research*, North-Holland, 1977.

B 8 Aggregation of Product Data, *Operations Research Verfahren*, Vol. 35, 1978, pp 29-48.

B 9 Aggregate Control Using Parameters of the Production-Inventory Control System, in Muramatsu, R., Dudley, N.A. (Eds.), *Production and Industrial Systems: Future Development and the Role of Industrial and Production Engineering*, Taylor & Francis, London 1978, pp 367-380.

B 10 On the Design of the Aggregate Model in a Hierarchical Production Planning System, *Engineering and Process Economics*, Vol. 4, No. 2/3, 1979, pp 89-97.

B 11 Transport Inventory Optimization (with R.W. Grubbström), *Engineering and Process Economics*, Vol. 4, No 2/3, 1979, pp 165-179

B 12 Economic Lot-Sizes and Vehicle Scheduling, *Scandinavian Journal of Materials Administration*, Vol. 5, No. 1, 1979, pp 73-82.

B 13 Multi Stage Lot Sizing in a Case with Initial Inventories, in Henn, R. et al, (Eds.), *Methods of Operations Research*, Vol. 38, Verlagsgruppe Athenäum/Hain/Scriptor/ Hanstein, Königstein 1979, pp 237-251.

B 14 Economic Order Quantities and Variations in Production Load, *International Journal of Production Research*, Vol. 18, No. 3, 1980, pp 359-365.

B 15 A Simulation Study of Hierarchical Production - Inventory Control (with H. Andersson and H. Jönsson), *OR-Spektrum*, Vol. 2, No. 2, 1980, pp 79-86.

B 16 Economic Lot Sizes and Vehicle Scheduling, *European Journal of Operational Research*, Vol. 4, No. 6, 1980, pp 395-398.

B 17 Hierarchical Material Requirements Planning (with H. Andersson and H. Jönsson), *International Journal of Production Research*, Vol. 19, No. 1, 1981, pp 45-57.

B 18 Aggregation of Product Data for Hierarchical Production Planning, *Operations Research*, Vol. 29, No. 4, 1981, pp 744-756.

B 19 A Note on EMQ under Learning and Forgetting (with S.E. Elmaghraby), *AIIE Transactions*, Vol. 13, No. 1, 1981, pp 86-90.

B 20 Economic Order Quantities and Variations in Production Load: Interpretation of Capacity Costs as Costs for Regular Capacity and Overtime, *International Journal of Production Research*, Vol. 19, No. 4, 1981, pp 439-440.

B 21 Worst Case Performance for Lot Sizing Heuristics, *European Journal of Operational Research*, Vol. 9, No. 4, 1982, pp 339-343.

B 22 Decentralized Production Planning and Choice of Organizational Structure, *International Journal of Production Research*, Vol. 20, No. 1, 1982, pp 17-26.

B 23 Alternative Dynamic Programming Approaches to Obtain Upper Bounds for the Economic Lot Scheduling Problem, *Engineering Costs and Production Economics*, Vol. 6, 1982, pp 17-23.

B 24 On Scheduling in a Semi-Ordered Flow Shop without Intermediate Queues, *IIE Transactions*, Vol. 14, No. 2, 1982, pp 128-130.

B 25 Worst Case Analysis of Heuristic Lot Sizing Techniques, *Operational Research for National Development, Proceedings, Asia – Pacific Conference on Operational Research*, 1982, pp 296-310.

B 26 Hierarchical Allocation, *Journal of the Operational Research Society*, Vol. 33, No. 8, 1982, pp 751-756.

B 27 Approximate Aggregation of Product Data (with H. Jönsson and A. Thorstenson), *Engineering Costs and Production Economics*, Vol. 7, No. 2, 1983, pp 119-126.

B 28 Economic Operating Policy and Variations in Production Load (with S.K. Goyal), *International Journal of Production Research*, Vol. 21, No. 5, 1983, pp 599-605.

B 29 Criteria for Temporary Capacity Expansion (with H. Jönsson), *Material Flow*, Vol. 1, No. 2, 1983, pp 121-128.

B 30 State Aggregation in Dynamic Programming - An Application to Scheduling of Parallel Processors, *OR Letters*, Vol. 2, No. 4, 1983, pp 171-176.

B 31 Aggregation and Disaggregation in Hierarchical Production Planning (with H. Jönsson), *European Journal of Operational Research*, Vol. 17, No. 3, 1984, pp 338-350.

B 32 Lower Bounds for the Economic Lot Scheduling Problem Using Aggregation, *European Journal of Operational Research*, Vol. 17, No. 2, 1984, pp 201-206.

B 33 Material Requirements Planning with Respect to Limited Production Rates, *Proceedings 7th International Seminar on Algorithms for Production Control and Scheduling*, Karlovy Vary, 1984.

B 34 In - Process Safety Stocks (with P. Lundell), *Proceedings, 23rd IEEE Conference on Decision and Control*, 1984, pp 839-841

B 35 Control Theory Concepts in Production and Inventory Control, *International Journal of Systems Science*, Vol. 16, No. 2, 1985, pp 161-169.

B 36 Performance Bounds for Lot Sizing Heuristics, *Management Science*, Vol. 31, No. 5, 1985, pp 634-640.

B 37 Aggregation and Disaggregation in Production and Inventory Control, *Sitzungsbericht 85, Matematische Gesellschaft der DDR*, 1985, pp 7-14.

B 38 Design and Evaluation of a Lot Sizing Heuristic, in Chikan, A (Ed.), *Inventory in Theory and Practice*, Elsevier, 1986, pp 431-442.

B 39 The Impact of Capacity Investments on Work-in-Process and Inventories (with J. Olhager), *Engineering Costs and Production Economics*, Vol. 9, 1985, pp 119-124.

B 40 Orderkvantiteter vid tillverkning, *Modern Produktion*, 1985.

B 41 Evaluation of Lot Sizing Techniques, *International Journal of Production Research*, Vol. 24, No. 1, 1986, pp 51-57.

B 42 Beslutsstöd för MA, *Materialadministration & Transporter*, Bratt Publishing, 1986.

B 43 Aggregating Items in Multi-Level Lot Sizing (with H.L.W. Nuttle) in Axsäter, S. et al (Eds.) , *Multi-Stage Production Planning and Inventory Control*, Springer Verlag, Berlin, Heidelberg, 1986, pp 109-118.

B 44 Utvärdering av investeringar i produktionssystem med hänsyn till kapitalbindningseffekter (with J. Olhager), *Mekanresultat*, 86009, 1986.

B 45 On the Feasibility of Aggregate Production Plans, *Operations Research*, Vol. 34, No. 5, 1986, pp 796-800.

B 46 An Extension of the Extended Basic Period Approach for Economic Lot Scheduling Problems, *Journal of Optimization Theory and Applications*, Vol. 52, No. 2, 1987, pp 179-189.

B 47 Sant och osant om minskade genomloppstider och partistorlekar, *Verkstäderna*, Nr 2, 1987.

B 48 Combining Items for Lot Sizing in Multi-Level Assembly Systems (with H.L.W. Nuttle), *International Journal of Production Research*, Vol. 25, No. 6, 1987, pp 795-807.

B 49 Disaggregation under Uncertainty in Hierarchical Production Planning (with A. Ari), *European Journal of Operational Research*, Vol 35, No 2, 1988, pp 182-186.

B 50 Styrning av flernivålager, *Verkstäderna*, 1, 1988.

B 51 A Sequential Lot Sizing Heuristic with Optimal Average Performance, *Management Science*, Vol. 34, No. 11, 1988, pp 1324-1332.

B 52 Utveckla lagerstyrningen, *Purchasing Magazine*, Nr 2, 1989.

B 53 Initial Order Quantities, *Engineering Costs and Production Economics*, Vol. 15, 1989, pp 307-315.

B 54 MRP vs. JIT, in Vörös, J. (Ed.), *Workshop on Production Management*, Pecs, Hungary, 1989, pp 9-18.

B 55 Simple Solution Procedures for a Class of Two-Echelon Inventory Problems, *Operations Research*, Vol. 38, No. 1, 1990, pp 64-69.

B 56 Evaluation of a New Type of Sequential Lot Sizing Techniques (with B. Samuelsson), *Engineering Costs and Production Economics*, Vol. 19, 1990, pp 281-286.

B 57 Modelling Emergency Lateral Transshipments in Inventory Systems, *Management Science*, Vol. 36, 1990, pp 1329-1338.

B 58 The Silver-Meal Heuristic: Worst Case Bounds for Finite Horizons, in Pridham, M. and O'Brien, C. (Eds.), *Production Research: Approaching the 21st Century*, Taylor & Francis, London, 1991, pp 239-243.

B 59 An Inventory Model with Lateral Transshipments, in Fandel, G. and Zäpfel, G. (Eds.), *Modern Production Concepts*, Springer-Verlag, Berlin-Heidelberg, 1991, pp 345-352.

B 60 Multi-Level Inventory Systems with Stochastic Demand, in Gritzmann P. et al (Eds.), *Operations Research '91*, Physica-Verlag Heidelberg, 1992, pp 575-578.

B 61 Continuous Review Policies for Multi-Level Inventory Systems with Stochastic Demand, in Graves S.C. et al (Eds.), *Handbooks in Operations Research and Management Science, Vol. 4: Logistics of Production and Inventory*, Elsevier, 1993, pp 175-197.

B 62 Exact and Approximate Evaluation of Batch-Ordering Policies for Two-Level Inventory Systems, *Operations Research*, Vol. 41, No. 4, 1993, pp 777-785.

B 63 Optimization of Order-Up-To-S Policies in Two-Echelon Inventory Systems with Periodic Review, *Naval Research Logistics*, Vol. 40, 1993, pp 245-253.

B 64 Installation vs. Echelon Stock Policies for Multi-Level Inventory Control (with K. Rosling), *Management Science*, Vol. 39, 1993, pp 1274-1280.

B 65 Multi-Level Production-Inventory Control: Material Requirements Planning or Reorder Point Policies? (with K. Rosling), *European Journal of Operational Research*, Vol. 75, 1994, pp 405-412.

B 66 Approximating General Multi-Echelon Inventory Systems by Poisson Models (with R. Forsberg and W.-F. Zhang), *International Journal of Production Economics*, Vol. 35, 1994, pp 201-206.

B 67 Approximate Evaluation of Batch-Ordering Policies for a One-Warehouse, N Non-Identical Retailer System Under Compound Poisson Demand, *Naval Research Logistics*, Vol. 42, 1995, pp 807-819.

B 68 Styrning av materialflödet gör företagen lönsammare, *Lundaforskare föreläser*, Vol. 26, 1995, pp 22-29.

B 69 Using the Deterministic EOQ Formula in Stochastic Inventory Control, *Management Science*, Vol. 42, 1996, pp 830-834.

B 70 Comparison of Echelon Stock and Installation Stock Policies for Two Level Inventory Systems (with L. Juntti), *International Journal of Production Economics*, Vol. 45, 1996, pp 305-312.

B 71 Recursive Evaluation of Order-up-to-S Policies for Two-Echelon Inventory Systems with Compound Poisson Demand (with W-F Zhang), *Naval Research Logistics*, Vol. 43, 1996, pp 151-157.

B 72 Comparison of Echelon Stock and Installation Stock Policies with Policy Adjusted Order Quantities (with L. Juntti), *International Journal of Production Economics*, Vol. 48, 1997, pp 1-6.

B 73 Simple Evaluation of Echelon Stock (R, Q)-Policies for Two-Level Inventory Systems, *IIE Transactions*, Vol. 29, 1997, pp 661-669.

B 74 On Deficiencies of Common Ordering Policies for Multi-Level Inventory Control, *OR Spektrum*, Vol. 10, 1997, pp 109-110.

B 75 Evaluation of Installation Stock Based (R,Q)-Policies for Two-Level Inventory Systems with Poisson Demand, *Operations Research*, Vol. 46, 1998, pp S135-S145.

B 76 Decentralized Multiechelon Inventory Control (with J. Andersson and J. Marklund), *Production and Operations Management*, Vol. 7, 1998, pp 370-386.

B 77 Ranking of Generalised Multi-Stage KANBAN Policies (with K. Rosling), *European Journal of Operational Research*, Vol. 113, 1999, pp 560-567.

B 78 A Joint Replenishment Policy for Multi-Echelon Inventory Control (with W.-F. Zhang), *International Journal of Production Economics*, Vol. 59, 1999, pp 243-250.

B 79 Exact Analysis of Continuous Review (R, Q) Policies in Two-Echelon Inventory Systems with Compound Poisson Demand, *Operations Research*, Vol. 48, 2000, pp 686-696.

B 80 Enkelt dataprogram om orderkvantitet och beställningspunkt, *Bättre Produktivitet*, No 1, 2000, pp 24-25.

B 81 Scaling Down Multi-Echelon Inventory Problems, *International Journal of Production Economics*, Vol. 71, 2001, pp 255-261.

B 82 A Framework for Decentralized Multi-Echelon Inventory Control, *IIE Transactions*, Vol. 33, 2001, pp 91-97.

B 83 Lagerstyrning i försörjningskedjor, *Bättre Produktivitet*, No 2, 2001, pp 16-17.

B 84 A Note on Stock Replenishment and Shipment Scheduling for Vendor-Managed Inventory Systems, *Management Science*, Vol. 47, 2001, pp 1306-1310.

B 85 Heuristic Methods for Centralized Control of One-Warehouse, N-Retailer Inventory Systems (with J. Marklund and E. A. Silver), *Manufacturing & Service Operations Management*, Vol. 4, 2002, pp 75-97.

B 86 Approximate Optimization of a Two-Level Distribution Inventory System, *International Journal of Production Economics*, Vol. 81-2, 2002, pp 545-553.

B 87 Evaluation of Unidirectional Lateral Transshipments and Substitutions in Inventory Systems, *European Journal of Operational Research*, Vol. 149, 2003, pp 438-447.

B 88 Note: Optimal Policies for Serial Inventory Systems under Fill Rate Constraints, *Management Science*, Vol. 49, 2003, pp 247-253.

B 89 A New Decision Rule for Lateral Transshipments in Inventory Systems, *Management Science*, Vol. 49, 2003, pp 1168-1179.

B 90 Supply Chain Operations: Serial and Distribution Inventory Systems, in Graves, S. C. and T. de Kok (Eds.), *Handbooks in Operations Research and Management Science, Vol. 11: Supply Chain Management: Design, Coordination and Operation*, Elsevier, Amsterdam, 2003.

B 91 Stock Rationing in a Continuous Review Two-Echelon Inventory Model (with M. Kleijn and T. G. de Kok), *Annals of Operations Research*, Vol. 126, 2004, pp 177-194.

B 92 A Simple Decision Rule for Decentralized Two-Echelon Inventory Control, Lund University, *International Journal of Production Economics*, Vol. 93-94, 2005, pp 53-59.

B 93 Planning Order Releases for an Assembly System with Random Operation Times, *OR Spectrum* Vol. 27, 2005, pp 459-470.

B 94 A Simple Procedure for Determining Order Quantities under a Fill Rate Constraint and Normally Distributed Lead-time Demand, *European Journal of Operational Research*, Vol. 174, 2006, pp 480-491.

B 95 A Heuristic for Triggering Emergency Orders in Inventory Systems, *European Journal of Operational Research*, Vol.176, 2007, pp 880-891.

B 96 Heuristics for Handling Direct Upstream Demand in Multi-Echelon Inventory Systems (with F. Olsson and P. Tydesjö), *International Journal of Production Economics*, Vol. 108, 2007, pp 266-270.

B 97 On the First Come - First Served Rule in Multi-Echelon Inventory Control, *Naval Research Logistics*, Vol. 54, 2007, pp 485-491.

B 98 Optimal "Position-Based" Warehouse Ordering in Divergent Two-Echelon Inventory Systems (with J. Marklund), *Operations Research* Vol. 56, 2008, 976-991, 1044-1045.

B 99 Benefits of Coordinated Control of Multi-Stage Inventory Systems - A Case Study at Volvo Parts AB, (with J. Andersson, C. Howard and J. Marklund), *Proceedings PLANs Forsknings- och Tillämpningskonferens*, Göteborg 2008.

B 100 Coordinated Control of Multi-Stage Inventory Systems at Volvo Parts – The use of Quick Response Stocks, (with C. Howard, J. Marklund, G. Svensson and A. Twedmark), *Proceedings PLANs Forsknings- och Tillämpningskonferens*, Växjö 2009.

B 101 Decision Sciences (with J. Marklund), *Encyclopedia of Information Systems*, forthcoming.

B 102 A Capacity Constrained Production-Inventory System with Stochastic Demand and Production Times, *International Journal of Production Research*, forthcoming.

B 103 Inventory Control when the Lead-time Changes, *Production and Operations Management*, forthcoming.

Other Reports

C 1 Experiment med oändligtdimensionell gradientmetod på ett problem beträffande optimal styrning, IOS report R 9, Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm.

C 2 Numerisk bestämning av optimala trajektorior. Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm, 1967.

C 3 USA-resa för studier och forskning, 1967-09-01--1968-09-01. IOS report R 28, Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm, 1968.

C 4 Global Observability for Purely Quadratic Systems. IOS report R 29, Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm, 1968.

C 5 Asymptotic Estimators with Applications to Identification and Adaptive Control, IOS report R 30, Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm, 1968.

C 6 Grundläggande begrepp beträffande styrning och tillståndsestimation vid linjära system, Department of Optimization and Systems Theory, Royal Institute of Technology, Stockholm, 1968

C 7 Tillämpningar av Kalmanfiltrering, FOA 2 report C 2317-54, National Defence Research Institute, Stockholm, 1969.

C 8 Optimering av AJA-AJCO:s lagersystem, Datema AB, Report No. 53, 1969.

C 9 Nynäs transporter - IBM:s vägregister - VSP, Datema AB, 1969.

C 10 Metoder för lagerstyrning och produktionsplanering, Datema AB, Report No. 72, 1969.

C 11 Planering av rektangulär sågning (with G. Löfstrand), Datema AB, 1970.

C 12 Förstudie avseende flödessimulering vid AJA (with S-A. Rapp), Datema AB, Report No. 82, 1970

C 13 Förslag till prognossystem för Läromedelsförlagen, Esselte AR-konsult AB, 1970.

C 14 Lagerstyrning vid Esselte Papir A/S I, Esselte AR-konsult AB, 1970.

C 15 Modeller och simulering, Esselte AR-konsult AB, 1970.

C 16 Prognosteknik, Esselte AR-konsult AB, 1970.

C 17 Produktionsplanering wellpapp Örebro Pappersbruk AB, Esselte AR konsult AB, 1970.

C 18 Budgetmodell, Esselte AR-konsult AB, 1971.

C 19 Lagerstyrning för produktionsvaror vid Esselte Papir, Esselte AR - konsult AB, 1971.

C 20 Lagerstyrning vid Läromedelsdivisionen, Esselte AR-konsult AB, 1972.

C 21 Användning av budgetmodell vid EpH, Esselte AR-konsult AB, 1972.

C 22 Produktionsplanering Esselte Well AB, Esselte AR-konsult AB, 1972.

C 23 Huvudplanering under risk, Research Report No. 2(2), Department of Production Economics, Linköping Institute of Technology, 1972.

C 24 An Inventory Problem with Shortage Costs Depending on the Customer, WP-4, Department of Production Economics, Linköping Institute of Technology, 1972.

C 25 Säkerhetslager i hierarkiska lagersystem, WP-6, Department of Production Economics, Linköping Institute of Technology, 1972.

C 26 En analytisk studie av lagervärdets tidsutveckling vid förändring av orderkvantitet, Research Report No. 4(9), Department of Production Economics, Linköping Institute of Technology, 1974.

C 27 Identifiering av lagerstyrningssystemets dynamik, Research Report No. 5(11), Department of Production Economics, Linköping Institute of Technology, 1974.

C 28 Koordinerande styrning av ett integrerat lager- och produktionssystem (with B. Zeiner), Research Report No. 6 (12), Department of Production Economics, Linköping Institute of Technology, 1974.

C 29 Simuleringsmodell för studium av ett integrerat lager- och produktionssystem (with B. Zeiner), Royal Institute of Technology, Stockholm, 1974.

C 30 Material- och produktionsstyrning vid Bergmans Motorindustri AB (with H. Andersson), WP-29, Department of Production Economics, Linköping Institute of Technology, 1976.

C 31 Utvecklingen inom MPS-området, WP-38, Department of Production Economics, Linköping Institute of Technology, 1976.

C 32 USA-resa, WP-39, Department of Production Economics, Linköping Institute of Technology, 1977.

C 33 Transportlageroptimering (with R.W. Grubbström), Research Report No. 36(76), Department of Production Economics, Linköping Institute of Technology, 1977.

C 34 Produktionsplanering för samordnade små system, WP-42, Department of Production Economics, Linköping Institute of Technology, 1977.

C 35 Förstudie avseende nytt material- och produktionsstyrningssystem vid NOSS AB, Norrköping (with R.W. Grubbström), Linköping, 1977.

C 36 Struktur- och operationsdata efter aggregering av produktdatabasen, Research Report No. 39, Department of Production Economics, Linköping Institute of Technology, 1978.

C 37 Långsiktig styrning av integrerade material- och produktionsstyrnings-system, STU-Report 74-4859, Department of Production Economics, Linköping Institute of Technology, 1978.

C 38 Decentraliserad material- och produktionsstyrning, WP-62, Department of Production Economics, Linköping Institute of Technology, 1979.

C 39 Decentraliserad produktionsplanering, Swedish Employers' Confederation, 1979.

C 40 Decentraliserat planeringssystem för rörverket i Fagersta, Swedish Employers' Confederation, 1979.

C 41 Intrimning och uppföljning av MPS-system, LuTH, 1984

C 42 Anläggningslokalisering och ruttplanering, LuTH, 1984

C 43 Material- och produktionsstyrning (with K. Rosling), STU-rapport 84-3774, 1985.

C 44 Transportorienterad MA-forskning, LuTH, 1986.

C 45 Material- och produktionsstyrning (with K. Rosling), STU-rapport 85-4053, 1986.

C 46 Flygfrakt och/eller ytfrakt - Metodik för utvärdering (Pilot-studie) (with L. Appelgren), TFB 33/87-42, 1987.

C 47 Exact and Approximate Policy Evaluation for Two-Level Inventory Systems, Luleå University of Technology, 1987.

C 48 MA i Norrbotten; transportstudie från sågverksindustrin (with B. E. Ekblom), Länsstyrelsen i Norrbottens län, 1988.

C 49 Material- och produktionsstyrning (with K. Rosling), STU-rapport 86-04459, 87-02853, 1988.

C 50 Flygfrakt och/eller ytfrakt - Metodik för utvärdering (with L. Appelgren), TFB 33/87-42, 1989.

C 51 FRAKTVAL (with L. Appelgren), TFB, 1989.

C 52 Hur effektivisera materialflödet? Synpunkter på materialadministrativ utveckling, RAMAB-dagen, 1989.

C 53 Styrning och strukturering av distributionssystem med flera nivåer, TFB 32/86-42, 1989.

C 54 Material- och produktionsstyrning (with K. Rosling), STU-rapport 88-03025, 1989.

C 55 FRAKTVAL, handledning, (with L. Appelgren), TFB, 1991

C 56 Alternativa godstransportlösningar för Arvidsjauområdet (with B. E. Ekblom), Länsstyrelsen i Norrbottens län, 1991.

C 57 Methods and Models for Coordination and Information Exchange in Supply Chains (with J. Marklund), KFB-Rapport 1998-31.

C 58 Batch Quantities when Forecasts are Improving, Lund University, 2007.

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C 60 A Real Time Decision Rule for an Inventory System with Committed Service Time and Emergency Orders (with S. Huang, Y. Dou, and J. Shen), Tsinghua University, 2008.

C 61 On the Value of Customer Information for an Independent Supplier in a Continuous Review Inventory System (with S. Viswanathan), Nanyang Technological University, 2009.

C62 Initiation of an Inventory Control System, Lund University, 2009.