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	_					-

- Organization Planning Concepts & Implications, S.L.G. Jain, AACE Transactions, 1981
- How Modular Plant Construction Offers Improved Cost and Schedule Control, Leo B. Glaser; Anthony Starkey, AACE Transactions, 1982 2.
- 3. Planning Risk Analysis in Offshore Projects: A Realistic Approach, Jean-Jacques Eldin; Jean-Claude Boudry, AACE Transactions, 1982
  - Organizational Credibility in Cost and Scheduling: The Critical Ingredient, Richard A. Mazzini, CCE, AACE Transactions, 1982
- 4. Role and Duties of the Planning Engineer in Material Management for Construction Projects, Calin Popescu, AACE Transactions, 1982 5.

  - How to Interface Cost and Planning in Offshore Projects, Pierre Boutineau; James-Jacques Eldin, AACE Transactions, 1983
  - Integration of Cost and Planning: Myth or Reality?, Serge Pressoir, AACE Transactions, 1983
  - Scheduling Specifications for the 80's, Dr. Gui Ponce de Leon, AACE Transactions, 1983
  - The Planning Engineer A Human Element of Planning and Scheduling, Remo J. Silvestrini, AACE Transactions, 1983
- Capital Cost Estimates: Sensitivity to Schedule, David J. Peeples, CCE, AACE Transactions, 1984 10.
- Engineering Document Planning and Progress Control, C. Henrik Lund; Jon Ostensvig, AACE Transactions, 1984 11.
- 12. Integrated Computer Systems, Frederick Wm. Mueller, CCE; Phillip F. Mueller, AACE Transactions, 1984
- Integrated Project Control Data Base, George E. Conniff; Walter A. Schindler, AACE Transactions, 1984 13.
  - The Perfect Plan, BE Kibler,, Cost Engineering Journal, 1985
- 15. Integrating Planning, Scheduling and Construction with the Cost Estimate, George Epstein, AACE Transactions, 1985
- Schedule Planning for Construction Projects, William A. Shunk, AACE Transactions, 1985 16.
- 17. Back To Basics: Practical Scheduling Guidelines Using CPM Computer Programs, Shiela Toth, Cost Engineering Journal, 1985
- 18. Factors Affecting Construction Planning, Dr. Alexander Laufer; Dora Cohenca, AACE Transactions, 1986 19. The Professional Planner/Scheduler and the Personal Computer, Philip T. Perzanowski, AACE Transactions, 1986
- Microcomputer Time-Scale Representation of Precedence Method, Edmond Miresco, AACE Transactions, 1986 20.
- 21. Scheduling Basics, Dr. Brisbane H. Brown, Jr., AACE Transactions, 1987
- 22. Project Planning, Remo J. Silvestrini, PE, AACE Transactions, 1987
  - Cost/Schedule Control System Criteria A Lighthearted Introduction for the Non-Believer, Lee R. Lambert, AACE Transactions, 1988
  - Micro to Mainframe Multiproject Scheduling, Charles P. Woodward, PE CCE; Linda M. Ramme, AACE Transactions, 1988
- Expert Systems A Real Tool for Planning, J. L. Basham; C. K. Skweres; J. S. Hamilton, AACE Transactions, 1988
- 26. A Project Control to Meet Project Change, Mark W. Beyer, PE, AACE Transactions, 1988
- 27. A Look at Planning & Scheduling in the Middle East, Dr. Khaled A. Bu-Bushait; Ignacio Manzanera, CCE, AACE Transactions, 1989
- 28. From CAD to CPM Software, Philip T. Perzanowski, CCE, AACE Transactions, 1989
- Profit Maximization in Hotel Planning, Krishan Mathur; Dr. W. D. McGeorge, AACE Transactions, 1989 30. Practical Specifications For Project Scheduling, John R. Clark, PE, Cost Engineering Journal, 1990
- 31. Variations in Project Planning Intensity, John C. Julian; Remo J. Silvestrini, PE, AACE Transactions, 1990
- 32. Contemporary Planning in the '90's, Thomas M. Trufant; Robert H. Murphy, AACE Transactions, 1990
- 33. Computerized Planning/Scheduling on a Board Machine, Rohit Singh, CCE, AACE Transactions, 1990 Planning a Capital Project, DeWitt Patterson; James R. Uz, AACE Transactions, 1990
- Planning and Scheduling for Success, Ignacio Manzanera, CCE, AACE Transactions. 1990
- Improving Your "Scheduling CAD" Productivity, Philip Perzanowski, CCE, AACE Transactions, 1991 36.
- A Winning Business Planning Process, Robert J. Kyle; Alfred Z. Matos, AACE Transactions, 1991 37.
- Owners Specify Contractor's Estimating/Scheduling Systems, Thomas L. Goff, AACE Transactions, 1991 38.
- Cashflow Planning for Residential Housing Developments, Dr. Clifford Jones, AACE Transactions, 1992
  - Starting Projects on the Right Foot, Gerard Beguinot, CCE; Richard Robinson, AACE Transactions, 1992
    - Breakthrough Planning Methodology, Joe Rizzo, AACE Transactions, 1992

# Planning and Scheduling, Third Edition

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- 42. A Survey Of Planning And Controlling Techniques Used By Construction Contractors In Saudi Arabia, A Shash; A Al-Abdullatif, Cost Engineering Journal, 1993
- 43. Integrated Network Planning and Scheduling with 3-D Construction Sequence Models, Daniel P. Nevins; Ronald J. Zabilski; Bridget E. O'Reilly,
- AACE Transactions, 1993
- 44. Considerations in Planning and Scheduling, John K. Nabors, AACE Transactions, 1994
- Contrasting Cost-Loaded CPM Scheduling Specifications, Dr. Gui Ponce de Leon, PE; Michael J. Mix; Philip Spittler, AACE Transactions, 1994

- 46. A Decision Support System for Project Planning, Prasanta K. Dey; Mario T. Tabucanon; Dr. Stephen O. Ogunlana, AACE Transactions, 1996
- Improving the Cost and Schedule Control System, Mohammed S. El-Mashaleh; Allan D. Chasey, PE, Cost Engineering Journal, 1999 47.
- The Planning and Execution of an International Project, Charles P. Woodward, PE CCE; Kenneth K. Humphreys, PE CCE, AACE Transactions, 1998 48.

  - Just-In-Time Construction Materials Management, Neil D. Opfer, CCE, AACE Transactions, 1998
- Top-Down Back-To-Front Project Planning, Faramarz Fred Rahbar; James E. Rowings Jr., PE CCE, AACE Transactions, 1998 50.
- 51. The Opening Game Project Mobilization, Edward E. (Ted) Douglas III, CCC, AACE Transactions, 1998 Computerized Project Planning System, P. Giridhar, AACE Transactions, 1998 52.
- 53. Preproject Planning for Microelectronics Facilities, Allan D. Chasey, PE; Jia Guo, Cost Engineering Journal, 2000
- 54. Integration of Schedule and Cost Risk Models, Robert V. Wendling; Randal B. Lorance, PE, Cost Engineering Journal, 2000 Resolving Work Breakdown Structure Problems, Stephen E. Mueller, AACE Transactions, 2000
- Developing Program Controls for a Large Program, Shawn L. Kildare; George P. Blank, AACE Transactions, 2001 56.
- Project Controls in the Preconstruction Phase, Ian A. Street, CCE; Joseph W. Wallwork, PE CCE, AACE Transactions, 2001 57.
- Selecting Planning and Scheduling Specifications, Leaf A. Ballast; Calin M. Popescu, AACE Transactions, 2001 58.
- 59. Improving Productivity With Short-Interval Scheduling, Walter J. Strutt, AACE Transactions, 2001
- 60. Activity-Based Job Costing for Integrating Estimating, Scheduling, and Cost Control, Aminah Robinson Fayek, Cost Engineering Journal, 2001
  - Start Your Project the Right Way, Edward E. Douglas III, AACE Transactions, 2002
- Project Scheduling Enhancements for Avoiding Litigation, Anamaria Popescu; James T. O'Connor; John D. Borcherding, AACE Transactions, 2002 62.
- 63. Labor Resource Planning for Construction Projects, Anubhav Bhargava; Balkiz Oztemir; Allan D. Chasey, AACE Transactions, 2002
  - Project Planning: A Great Communicator, James E. Baar, PE, AACE Transactions, 2002
- 65. Project Execution Planning for Cost Engineers and Schedulers, Allen C. Hamilton, CCE, AACE Transactions, 2003
  - Contract Requirements for Construction Schedule, Win G. Li, PE CCE, AACE Transactions, 2003
- Developing a Work Breakdown Structure as the Unifying Foundation for Project Controls Systems Development, Lee J. Hobb; Beverly M. Sheafer, 67.
  - Cost Engineering Journal, 2003
- 68. Work and Resource Breakdown Structures for Formalized Bottom-Up Estimating, Parviz F. Rad, PE CCE; Denis F. Cioffi, Cost Engineering Journal, 2004
- 69. Effective Planning Techniques for the Execution of an EPC Project, Hammad Ud Din Tahir, CCE, Cost Engineering Journal, 2004 Beyond the Bar: Scheduling Preliminary Engineering and Launching a New Project, Richard D. Smith, PE CCE, AACE Transactions, 2004 70.
- 71. Planning/Control of Professional Staff Resources, Harry W. Jarnagan, PE CCE, AACE Transactions, 2004 72. Project Management Process and Action Plans, Kul B. Uppal, PE, AACE Transactions, 2004
- 73. A Preconstruction Foundation for Design-Build Success, Byron J. Law, CCC, AACE Transactions, 2004
- 74. Project Planning--Then Scheduling, Edward E. Douglas III, CCC, AACE Transactions, 2004
- 75. Contractor's Schedule Submittal: Catch-22, Earl T. Glenwright Jr., AACE Transactions, 2004
- 76. Cost Management in Scheduling Applications: Using the Right Toolset for Cost Management, Valerie Behrendt; Rita Wulke, Cost Engineering Journal, 2004
- 77. Cost and Schedule Control for Engineering Contracts, Kenneth R. Davey, CCE, Cost Engineering Journal, 2004
- 78. The Effect of Early Freezing of Scope on Project Schedule, Neil N. Eldin, PE, Cost Engineering Journal, 2005
- The Case of US Projects in Europe Guidelines to Mitigate Schedule Delay, from the Owner's Viewpoint, Massimoluigi Casinelli, PE CCE, Cost
  - Engineering Journal, 2005

# Planning and Scheduling, Third Edition

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- Overcoming "Gotchas" Clauses in Construction Contracts, Donald F. McDonald Jr., PE CCE, AACE Document, 1999
- 81. Does Project Control Start at Contract Award?, Stephen L. Cabano, AACE Transactions, 2005
- 82. Understanding Owner Needs, Ginette B. Basak, P.Eng., AACE Transactions, 2005
- 83. Innovative Pre-Planning for International Projects, Mark T. Chen, PE CCE, AACE Transactions, 2005 84. Implementing Project Constructability, Douglas D. Gransberg, PE CCE; Edward E. Douglas III, CCC PSP, AACE Transactions, 2005
- 85. Scheduling Practices and Project Success, Andrew F. Griffith, PE, AACE Transactions, 2005
- 86. Success: Use of Activity Code Structure for Project Schedule Integration and Monitoring, Gener dela Cruz, AACE Transactions, 2005
- 87. Scheduling Specifications: A Lump Sum Contractor's Perspective, Martin J. Bradley, CCC, AACE Transactions, 2005
- 88. Planning and Scheduling Department: Functional Aspects, Junaid Ahcom, ICC; Ali Ali Shash, AACE Transactions, 2005
- 89. Assessing Project Schedule Risk with Contingent Tasks by Spreadhsheet-Based Simulation, Li-Chung Chao; Sung-Lin Hsueh, Cost Engineering Journal, 2006
- 90. The Link Between Planning and Programming Practice and the Analysis of Delay and Disruption Claims, Nuhu Braimah; Issaka Ndekugri, AACE Transactions, 2006
- 91. Don't Create Variances During Planning, Leah V. Zimmerman, CCC PSP, AACE Transactions, 2006
- 92. Scheduling Practices for Project Success, Andrew F. Griffith, PE, Cost Engineering Journal, 2006 93. 4D Modeling: Adding a New Dimension to CPM Scheduling, Vidya C. Dixit, CCE PSP, AACE Transactions, 2007
- 94. When is the Critical Path Not the Most Critical Path?, Murray Woolf, AACE Transactions, 2008
- 95. Project Planning Using Logic Diagramming Method, Gui Ponce de Leon, PE, AACE Transactions, 2008
- 96. Building Green--Potential Impacts to the Project Schedule, Jacqueline T. Doyle, PE; Robert B. Brown, PE; Dax Ponce de Leon; Laura Ludwig, PE,
  - **AACE Transactions, 2009**
- 97. The Great Debate: Planning and Scheduling From Substantial to Final Completion, Christopher W. Carson, PSP; John C. Potter, PSP; Mark C.
- 98. Essentials of Early Planning for Megaprojects, Himansu Bhaumik, PE, AACE Transactions, 2010
- 99. Planning a Complex Project An Under Appreciated Effort, Christopher W. Carson, PSP; Glen R. Palmer, CFCC PSP, AACE Transactions, 2010
- 100. Alternate Methods for Integrated Cost & Schedule Contingency Estimating, John K. Hollmann, PE CCE CEP, AACE Transactions, 2010

#### Chapter 02: Schedule Development

- 1. Automated Input for Construction Scheduling Systems, Martin D. Ryan; Daniel M. McCarthy, AACE Transactions, 1980
- 2. On-Site Minicomputer Yields a Successful Arabian Project, Donald J. Cass, CCE, AACE Transactions, 1980
- Integration of Cost and Scheduling Systems, Paul B. Shiring, Jr., CCE, AACE Transactions, 1981 3. 4.
- Cost/Schedule Integration Panacea or Poison?, Robert R. Cook, CCE, AACE Transactions, 1982
- 5. Cost-Schedule Integration: Alternatives, Raad H. Hermes, AACE Transactions, 1982 6.
- Cost and Schedule Integration in Process Plants Construction, Chandra S. Murthy, AACE Transactions, 1983
- 7. Integration of Cost and Scheduling with Materials Management Function, John C. Cato; Chandra S. Murthy, AACE Transactions, 1983
- 8. Have the Networks Fit the Project, Donald J. Cass, CCE, AACE Transactions, 1984
- 9. Modern Innovations in Scheduling Techniques, Dr. James E. Rowings, Jr.; John S. Bloess, AACE Transactions, 1984
- Enhancing Reliability of Project Duration Forecasts, Dr. Hira N. Ahuja, CCE; V. Nandakumar, AACE Transactions, 1984
- A Scheduling Tool for Smaller Jobs, Fred Rahbar, AACE Transactions, 1984
- Integrated Living Schedule, Raymond E. Schweikart, AACE Transactions, 1985

Sanders, PE CCE PSP; John J. Stauffer, PSP, AACE Transactions, 2009

- 13. CPM Pert Time Scaled Summary Network, Harold B. Shugar, AACE Transactions, 1985
- 14. ADM Versus PDM, F Rahbar, Cost Engineering Journal, 1986
- 15. Recognizing and Avoiding Problems Inherent in Today's Scheduling Environment, David L. Freidl, CCE, AACE Transactions, 1987
- 16. Schedule Risk Analysis Using Computer Simulation, Joseph J. Orczyk, PE; Dr. Donn Hancher, PE, AACE Transactions, 1987

# Planning and Scheduling, Third Edition

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49.

- 17. Applied Scheduling, Dr. Brisbane H. Brown, Jr., AACE Transactions, 1987 18. Scheduling Technique to Control Several Minor Modification Projects, Mark A. Andrews; Kenneth L. Mortensen, PE; Edward J. Kaufmann, PE,
  - AACE Transactions, 1988
- 19. Scheduling for on Time Project, David H. Hamburger, PE, AACE Transactions, 1989
  - Assessing Project Cost and Schedule Risk, Edward W. Merrow; Mary Ellen Yarossi, AACE Transactions, 1990
  - Micro-Computer Expert System for Scheduling Construction Project, Edmond Miresco; Nicholas Chepurnix, AACE Transactions, 1990
- 21.
- Integrated Project Numbering System, Bruce A. Spence, CCE, AACE Transactions, 1990 22.
- Resource Scheduling Is AI the Answer?, Richard E. Westney, PE, AACE Transactions, 1991 23.
- Up-front Project Scheduling in an Owner/Contractor Alliance, Murray W. Janzen, Cost Engineering Journal, 1992 24.
  - Modular CPM's or Detail CPM Schedules at a Barchart Price, Stephen Goodman, AACE Transactions, 1992
- Repetitive Activity Scheduling Process, F. Fred Rahbar; Dr. James E. Rowings, CCE, AACE Transactions, 1992
- 27. Automating the Schedule Review Process, John R. Knoke, PE; Jhan Schmitz, AACE Transactions, 1992
- 28. A Computerized Inquiry-Feedback Knowledge Engineering System, Dr. Janet K. Yates, AACE Transactions, 1992
- 29. A Statistical Evaluation Of The Impact Of Limited Resources On Project Scheduling, BM Woodworth, Cost Engineering Journal, 1993

  - BAL: An Algorithm for Scheduling and Control of Linear Projects, Tarek Hegazy; Osama Moselhi; Dr. Paul Fazio, AACE Transactions, 1993
  - Repetitive Production Method (RPM) and CPM, Lawrence L. Humphries, CCE, AACE Transactions, 1993
  - Adding Macros to Primavera (and Other Software): Functional and Productivity Improvements, A. Larry Aaron, CCE, AACE Transactions, 1994
- Construction Scheduling Based on Resource Constraints, Yong-II Lee; Thomas M. Gatton, AACE Transactions, 1994 33.
- Design to Schedule (DTOS), Dennis M. Thompson, CCC, AACE Transactions, 1995 34.
- 35. Project Scheduling Risk Assessment Using Monte Carlo Methods, Eric D. Finley, PE; Dr. Deborah J. Fisher, PE, Cost Engineering Journal, 1994
- 36. Activity Duration Quantification Under Uncertainty: Fuzzy Set Theory Application, Jong H. Ock, Cost Engineering Journal, 1996
- Scheduling Concerns in the Hazardous Waste Industry, Timothy C. McManus; Minosca V. Alcantara, Cost Engineering Journal, 1996
- 38. Developing an As-Built Schedule From Project Records, John R. Knoke, PE; Gary H. Jentzen, PE, AACE Transactions, 1996
- 39. Matrix Scheduling for Repetitive Residential Construction, Neil D. Opfer, CCE, AACE Transactions, 1996 40. Labor Productivity Modeling With Neural Networks, Dr. James E. Rowings Jr., PE CCE; Rifat Sonmez, AACE Transactions, 1996
  - A Multiobjective Linear Program for Scheduling Repetitive Projects, Dr. Kamal Al-Subhi Al Harbi; Dr. Shokri Z. Selim; Mazen Al-Sinan, Cost Engineering Journal, 1996
- 42. Schedule Hierarchy - An Overview, Sarwar A. Samad, Cost Engineering Journal, 1998 Soft Logic - An Overview, Dennis Read Hanks, PE CCE, Cost Engineering Journal, 1999 43.
- 44. Key Issues in Implementing Cycle Time Analysis as a Schedule Reduction Tool, Neil N. Eldin, Cost Engineering Journal, 1999
- 45. The Adequacy of Initial Scheduling Estimates, John M. Dye; Dr. Irtishad U. Ahmad, PE, AACE Transactions, 1998
- Industry Crisis: Construction Scheduling Software, Jon M. Wickwire; Stuart Ockman, AACE Transactions, 2000 46. The Pitfalls of CPM Scheduling on Construction Projects, Ian A. Street, Cost Engineering Journal, 2000
- 47. 48. Schedule Review Basics, Craig L. Olsen, AACE Transactions, 2000
- 50. Integrated Range Estimating and Stochastic Scheduling, Leroy Isidore; Edward Back, Cost Engineering Journal, 2001

Cost Estimating and Scheduling Integration, Philip D. Larson, AACE Transactions, 2000

- Integrating CAD, Estimating, Scheduling, and Accounting, Philip D. Larson, AACE Transactions, 2001
- 52. Baseline Schedule Approval, Zartab Q. Zafar; Dean Rasmussen, Cost Engineering Journal, 2001
- 53. Tripping Hazards in Schedules, Donald F. McDonald Jr., AACE Transactions, 2002 54. Weather Derivatives Allow Construction to Hedge Weather Risk, Robert B. Connors, CCE, Cost Engineering Journal, 2003
- Time-for Versus Time-of Performance, Ferdinand Fourie, AACE Transactions, 2003 55.
- Effect of Multiple Calendars on total Float and Critical Path, Nestor J. Scavino, CCC, Cost Engineering Journal, 2003 56.
  - Construction Baseline Schedule Review and Submittal Timeframe, Win G. Li, PE CCE PSP; David J. Carter, Cost Engineering Journal, 2005 Scheduling for Estimators, Robert R. George, CCC, AACE Document, 1998

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- Retrospective As-Built Schedule Development, Anamaria I. Popescu, PE: Andrew Avalon, PE, AACE Transactions, 2005
- 60. Documenting the Schedule Basis, Edward E. Douglas III, CCC, PSP, AACE Transactions, 2005
- Benefits of Linear Scheduling, Gary Rock Spencer, PE; Rose Mary Lewis, AACE Transactions, 2005 61.
- 62. Success: Use of Activity Code Structure for Project Schedule Integration and Monitoring, Gener dela Cruz, Cost Engineering Journal, 2005
- Construction CPM Scheduling Precision Without Accuracy, Victor M. Ostrowski, PSP, AACE Transactions, 2006
- 64. RDM Relationship Diagramming Method, Fredric L. Plotnick, PE, AACE Transactions, 2006
- 65. Scheduling: The Good, the Bad and the Ugly, H. Lance Stephenson, CCC, AACE Transactions, 2006 66. Scheduling Specifications for the 21st Century, Paul Levin, PSP, AACE Transactions, 2006
- 67. Project Planning and Scheduling and its Impact to Project Outcome: A Study of EPC Projects in Canada, Janaka Y. Ruwanpura; Tanveer Nabi Ahmed: Karim Kaba; Gerald Patrick Mulvany, AACE Transactions, 2006
- 68. CPM Schedules Why and How, Satinder Singh Baweja, CCE, AACE Transactions, 2006
- 69. Managing Resource Leveling, Michael R. Nosbisch, CCC PSP; Ronald M. Winter, PSP, Cost Engineering Journal, 2006
- 70. Scheduling Management: Classifications vs. Levels, H. Lance Stephenson, CCC, AACE Transactions, 2007 71. The New Scheduling CPM: Claims Protection Methods, Edward E. Douglas, III CCC PSP, AACE Transactions, 2007
- Scheduling Management: Schedule Basis Memorandum, H. Lance Stephenson, CCC, AACE Transactions, 2007
- Daily Specific As-Built in As-Planned vs. As-Built Schedule Analysis, Svetlana Lyasko, Cost Engineering Journal, 2008
- 74. Primavera Project Management Software and the Claims Consultant, Anne Marie Tombros; Sunu Mohan, PSP EVP, AACE Transactions, 2008
- 75. P5 to P-Sixes: Transition from P5 to P6, J. Scott Palmer, AACE Transactions, 2008
- 77. The Case for Construction Schedule Validation and Auditing, Earl T. Glenwright, Jr., PE PSP; Aldo Dorea Mattos, AACE Transactions, 2008
- 76. Construction Scheduling: Keeping Relevance, Amit Sarkar, AACE Transactions, 2008
- 78. Advanced Scheduling Technology for Shorter Resource-Constrained Project Durations, Robert Richards, AACE Transactions, 2008
- 79. Schedule Constructability Review, Edward E. Douglas III, CCC PSP, AACE Transactions, 2008
- 80. Project Schedule Optimization Using a Genetic Algorithm Approach, John Paul Lancaster; Kai Cheng, AACE Transactions, 2008
- 81. When Less is Not More: Providing Subcontractors Early and Late Dates, John C. Livengood, PSP CFCC; Rick Gaetano Cianfaglione, PE PSP, AACE
- 82. Total Float Distribution: A Sane Way to Manage Schedule Contingency, Anamaria I. Popescu, PE, AACE Transactions, 2009
- 83. Top Ten Scheduling Mistakes and How to Prevent Them, Joseph A. Lukas, PE CCE, AACE Transactions, 2009
- "Much Ado About Dates" -- Understanding P6 Date Information, Ronald M. Winter, PSP; F. Burak Evrenosoglu, CCE PSP, AACE Transactions, 2009 84.
- 85. Schedule Quality Assurance Procedures, Andrew Avalon, PE PSP; Curtis W. Foster, AACE Transactions, 2010
- 86. Lessons Learned Schedule Development Using Primavera P6, Hannah E. Schumacher, PSP; Charlie Jackson, AACE Transactions, 2010
- Managing Schedule Contingency, Edward E. Douglas, III CCC PSP, AACE Transactions, 2010
- Schedule Risk Management for Pipeline Projects, Renna Alqasrani; Brent Kitson, P.Eng.; Richa Sahib, P.Eng., AACE Transactions, 2010

#### Chapter 03: Schedule Management/Control

Transactions, 2009

- 1. A Retrospective Evaluation of a Probabilistic Schedule Analysis, Henry R. Block, CCD; Richard A. Mazzini, CCE, AACE Transactions, 1980
- 2. Analysis of Working Space Congestion from Scheduling Data, Dr. Paviz F. Rad, CCE, AACE Transactions, 1980
- 3. Project Controls - A Force-Account Approach to CM, Thomas P. Roche, AACE Transactions, 1981
- 4. Large Capital Project: Optimizing Project Economics Thru Schedule Management, Philip S. Heistand, AACE Transactions, 1981
- 5. Planning & Scheduling an International Project, Mark Grinberg, AACE Transactions, 1981
- 6. A Critique of Integrated Cost/Schedule Systems, William M. Sancho, CCE, AACE Transactions, 1982
- 7. Construction Control Schedule, Derek Mason, AACE Transactions, 1982
- 8. Construction Delay Claims: Treatment of Extended Overhead. Ronald F. Parisi: Robert J. Schlunt. AACE Transactions, 1983
- 9. Meaningful Scheduling Summaries for Management, Robert R. Cook, CCE, AACE Transactions, 1983

# Planning and Scheduling, Third Edition

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- 10. CPM Techniques Really Can Be Applied to Major Mechanical and Technical Construction, Peter J. Schappa, CCE; Dwight A. Zink, CCE, AACE Transactions, 1983 11. Construction Delay Claims - Assessment Defense, A. J. Werderitsch, CCE; Shah Firoozi, AACE Transactions, 1983
- 12. The CPM Technique in Construction A Critique, Derek Mason, AACE Transactions, 1984
  - Cost Containment and Cost Reduction, Stephen C. Wexler, PE CCE, AACE Transactions, 1985
- 14. CPM Established and Then Some, Gary O. Glenn, AACE Transactions, 1985
- 15. Float Ownership: Specs Treatment, Dr. Gui Ponce de Leon, PE, Cost Engineering Journal, 1986
- 16. Progress Measurement in Engineering and Construction, Michael E. Horwitz, PE CCE, AACE Transactions, 1986

  - PDM Scheduling at EPCOT Center, James Brownell, AACE Transactions, 1986

  - Enhanced Project Management with Reference Schedules, Dr. James E. Rowings, Jr.CCE, AACE Transactions, 1986
  - Construction Projects: Change Order Management, Dr. Calin M. Popescu, AACE Transactions, 1986
- 20. The 5-Year Living Schedule, Ralph L. Cochran; Patricia D. Galloway, AACE Transactions, 1987
- 21. Controlling Job Costs Through CPM Scheduling, Philip S. Inglis, AACE Transactions, 1987
  - Minimizing Costs of Delay Construction Claims, Dwight A. Zink, AACE Transactions, 1987
  - Time is Money!, Philippe LeTherisien, CCE, AACE Transactions, 1987
- Progress and Cost Control Basics, Dr. James N. Neil, CCE, AACE Transactions, 1987 24.

  - Integrated Project Management Information Systems. The French Nuclear Industry Experience, Jean-Claude Jacquin; Gilles-Marie Caupin, AACE

  - Transactions, 1988
- 26. Cost and Schedule Specialist Toolkit, C. James Linck; David E. Perelli, AACE Transactions, 1988
- 27. Etiography: A New Discipline, Charles A. Villemain; J. P. Wojtyna; Michel L. DuRozel, AACE Transactions, 1988

  - Renovation Restoration Scheduling Library of Congress, Robert P. Jensen, AACE Transactions, 1988

  - Achieving Construction Project Objectives in Various Situations, Dr. Alexander Laufer; Dora Cohenca-Zall, AACE Transactions, 1988
- Salt Repository Project Schedule Integration, H. Dennis Kopp; Dr. L. J. LaFountain, AACE Transactions, 1988 30.
  - Is Resource Constrained Project Management Software Reliable, BM Woodworth, Cost Engineering Journal, 1989
- 32. Managing A Turnaround Using Computerized CPM, KW Woodcock, Cost Engineering Journal, 1989
- Construction-CAE: Integrated Planning and Cost Control, Kermit H. Gates III; Daniel A. Wickard, AACE Transactions, 1989 Automation of the Scheduling Analysis Process, Dr. Gary Rock Spencer; F. Fred Rahbar, AACE Transactions, 1989
  - Project Expediting, Wesley R. Querns, CCE, AACE Transactions, 1989
- 36. Understanding the Value of Earned Value or Where Have All Your Dollars Gone?, Lee R. Lambert, AACE Transactions, 1989 37. EV - Not Only for Large Projects, Walter F. Adamczyk, PE, AACE Transactions, 1989
- 38. Scheduling Comparison of Engineering/Manufacturing to Engineering/Construction, Terry F. Carlson, AACE Transactions, 1989
  - Project Control for Engineering, James M. Neil, CCE, AACE Transactions, 1989
- 40. Impact of Changes on Project Schedule, James M. Neil, CCE, AACE Transactions, 1989
- 41. Concepts and Methods of Schedule Compression, James M. Neil, CCE, AACE Transactions, 1989
- 42. Project Management Information System, James J. Stevenson, Jr., CCE, AACE Transactions, 1990
- 43. The Development and Use of Progress Curves, Barry L. Goodwin, CCE, AACE Transactions, 1990

  - A Mechanical Model for CPM Scheduling Calculations, Abhi Basu, AACE Transactions, 1990
  - Cost Scheduling Control of Paper Machine Rebuilds, William S. Speed, CCE, AACE Transactions, 1990
  - End-User Computing for Project Controls, John Mahoney; David P. Kenney, AACE Transactions, 1990
- 46.
- Effective Use of Management Control Systems, John M. Moore, CCE, AACE Transactions, 1990 47. Delay Evaluation Using "Record Schedules", Donald J. Fredlund, Jr.; Gui Ponce de Leon, PE, AACE Transactions, 1990 48.
- Statistical Process Control in Project Management, George P. Moore; David A. Hendrick, AACE Transactions, 1991
- Construction Scheduling Don't Depend on a Textbook, Brett M. McPherson; Daniel J. Whitecotton, AACE Transactions, 1991 51. Selecting As-Planned Base in Project Disputes, Calin Popescu, PE, AACE Transactions, 1991

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- 54. Schedule Games People Play and Some Suggested Remedies, James G. Zack, Jr., AACE Transactions, 1991
  - Earned Value Graphics New, Exciting, Innovative, Donald J. Cass, CCE, AACE Transactions, 1991
- 56. Applying Earned Value Procedure to Engineering Management, Mark T. Chen, AACE Transactions, 1991
- 57. New Directions in Schedule Management, Gui Ponce de Leon, PE, AACE Transactions, 1991
- Duration Analysis, Andrew Sipos, PE, Cost Engineering Journal, 1992 58.
- The Daily Report As A Job Management Tool, DA Pogorilich, Cost Engineering Journal, 1992 59.
- Integrated Cost And Schedule Control, BE Kibler, Cost Engineering Journal, 1992 60.
- Owner's Reviews of Schedules How Far Should They Go?, Donald J. Fredlund, Jr.; Fred King, AACE Transactions, 1992
- 62.
  - Reducing Construction Risks through Project Controls, Danny J. Whitecotton; Brett M. McPherson, AACE Transactions, 1992
- OCRWM Transportation Network to Support Budget/Schedule Estimates, Gary L. Sullivan; Max W. Wankerl, AACE Transactions, 1992 63.
- 64. Highway Design Challenges in Controlling Cost and Schedule, Nelson E. Bonilla, CCE; Ray J. Jussila, CCE; Scott Baarman, AACE Transactions, 1992 65. Project Controls - Expand Your View, John P. Nolan, Sr., AACE Transactions, 1992
- 66. Third-Party CPM Scheduling - Making It Work, Terry W. Towle, Cost Engineering Journal, 1993 Out-Of-Logic Progress, Saad A. Suhail, PE CCE, Cost Engineering Journal, 1993
- 68. The Project Trend Program, Harry W. Jarnagan, PE CCE, AACE Transactions, 1993
- 69. A "New" Program Management Information System, Jeffrey C. Christiansen; Michael S. Mellick, AACE Transactions, 1993
- 70. Cost and Time Effective Outage Management, Neil D. Opfer, CCE, AACE Transactions, 1993
- 71. Capital Project Monitoring System (CPMS), Gamini A.K. Padmaperuma, CCE, AACE Transactions, 1993
  - Combining Risk Management And Resource Optimization In Project Management Software, OB Thomasen; L Butterfield, Cost Engineering
- Journal, 1993
- 73. Field Project Control Back To Basics, Edward E. (Ted) Douglas III, CCC, Cost Engineering Journal, 1993
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- 78. The Effect of Resource Constraints on Project Schedules, Michael R. Just, CCE; James P. Murphy, AACE Transactions, 1994
- 79. Qualitative Criteria Combination for Total Float Distribution, Suthi Pasiphol; Calin M. Popescu, PE, AACE Transactions, 1994
- 80. A Cost-Effective Delay Analysis Technique, Mireille Battikha; Sabah Alkass, PE, AACE Transactions, 1994
- 81. Delay Analysis Issues Not for Granted, George E. Baram, CCE, AACE Transactions, 1994
- Transactions, 1994
- 83. Construction Delay Analysis Systems, Dr. Janet K. Yates; Hisham Aoude, AACE Transactions, 1995
- 84. Total Float Management in CPM Project Scheduling, Dr. Suthi Pasiphol; Dr. Calin M. Popescu, PE, AACE Transactions, 1995
- 85. Construction Time and Cost Trade-Off Optimization, Dr. Liang Y. Liu; Dr. Scott Burns, PE; Chung-Wei Feng, AACE Transactions, 1995 The Role of Project Controls, Manash K. Bagchi, AACE Transactions, 1995
- Risk Reduction Performance Measuring System (RRPMS), Sarwar A. Samad, AACE Transactions, 1995
- 88. Program Scheduling: Not Exactly = Project Scheduling, Courtney James McCracken, PE; Patricia J. Auger; John H. Baratta, PE, AACE Transactions,
- 89. Project Controls A Practical Approach, Michael J. Cunningham, CCC, Cost Engineering Journal, 1994 90. Scheduling in an Environmental Restoration Environment, G. Darryl Walker, CCE, Cost Engineering Journal, 1995

Responsibility for Delays After the Expiration of the Contract Time, Gary H. Jentzen, PE; Philip Spittler; Dr. Gui Ponce de Leon, PE, AACE

Project Controls: Cost / Schedule / Progress Management on the NASA Wind Tunnel Restoration Project, Kelvin Yu, PE, CCE, Cost Engineering Journal, 1996

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- The Reliability of Critical Path Method (CPM) Techniques in the Analysis and Evaluation of Delay Claims, Gasan G. Kallo, Cost Engineering Journal, 1996 93. Going for the Goal, Forecasting, Joseph M. Brown, CCC, AACE Transactions, 1996
- 94. The End Game Project Demobilization and Close-Out, Edward E. (Ted) Douglas III, CCC, AACE Transactions, 1996
- 95. A Scheduling Tool for Tunnel Construction, K.A. Pohrte; W.W. Edgerton, PE, AACE Transactions, 1996
- 96. Project Controls in the Semiconductor Industry, Robert B. Edgerton; Steven Y. Kunishige, AACE Transactions, 1996
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- 98. Project Capital Cost Risks and Contracting Strategies, Dr. Keith Pedwell, P.Eng.; Dr. Francis T. Hartman, P.Eng.; Dr. George F. Jergeas, P.Eng., AACE

  - Transactions, 1996
- 99. Integrated Project Control and Communications Systems, Gerard J. Hart, AACE Transactions, 1996
- 100. Cost/Schedule Management of Government Construction Subcontracts, Harry W. Jarnagan, PE CCE, Cost Engineering Journal, 1997
- 101. How to Lose Money Negotiating a Construction Claim, Michael R. Just, CCE; Brian Torone, AACE Transactions, 1997
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  - Transactions, 1997
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- 112. Simplifying Project Success Metrics, Dr. Francis T. Hartman, P.Eng.; Dr. George F. Jergeas, P.Eng., Cost Engineering Journal, 1997
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- 124. Schedule Density as a Tool for Pricing Compensable Float Consumption, Michael Ross Finke, Cost Engineering Journal, 2000
- 125. Schedule Delay Analysis, George R. Stumpf, PE, Cost Engineering Journal, 2000

132. Schedule Integration -- Communication Tool Par Excellence, Rohit Singh, CCE, AACE Transactions, 2003

- 126. Notes From Your Technical Board: What is Construction Schedule Control?, Satinder S. Baweja, CCE, Cost Engineering Journal, 2003 127. Computing Near-Longest Path, Ron Winter, Cost Engineering Journal, 2003
- 128. Computing Near-Longest Path Part 2: Now That I have Longest Path Value, What's It Good For?, Ron Winter, Cost Engineering Journal, 2003
- 129. Dissecting the Doctrine of Concurrent Delay, Thomas F. Peters, PE, AACE Transactions, 2003
- 130. Daily Delay Measure: A New Technique to Precisely Identify Delay, John C. Livengood; Brian G. Laush, AACE Transactions, 2003
- 131. Application of Appropriate Project Control Tools, Lori A. Floyd, CCC; Christopher P. Caddell, PE; David E. Wisniewski II, AACE Transactions, 2003

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- 133. CPM Scheduling in Construction: A Case Study, Abhi Basu, AACE Transactions, 2003
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- 146. Scheduling Case StudyùFilter Removal Project, Jennifer Bates, CCE, AACE Document, 1998
- 147. Construction Scheduling Games and Ways to Win, James G. Zack Jr., AACE Document, 1998
- 148. Constructive Acceleration: Waking the Sleeping Giant, Thomas F. Peters, PE, Cost Engineering Journal, 2005
- 149. Window Analysis: The Method and the Myth, John J. Ciccarelli, PE, CCE; Mark W. Cohen, PE, AACE Transactions, 2005
- 150. Concurrent Delay Analysis for Litigation, Victor M. Ostrowski, PSP; Michael T. Midgette, PSP, AACE Transactions, 2005
- Eso. Concurrent Delay Analysis for Engation, Victor IVI. Ostrowski, PSP, Wilchael T. Wildgette, PSP, AACE Halisactions, 2003
- 151. CPM Scheduling and How the Industry Views Its Use, Patricia D. Galloway, PE, AACE Transactions, 2005
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- 153. Total Float Management for Delay Analysis, Khalid S. Al-Gahtani; Satish B. Mohan, AACE Transactions, 2005
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- 162. Effective Use of Gantt Chart for Managing Large Scale Projects, Pankaja Pradeep Kumar, CCE, Cost Engineering Journal, 2005
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- 165. Relentless Trending Key to Effective Cost & Schedule Management, Nelson E. Bonilla, CCE, AACE Transactions, 2006
- 166. Impacts of Project Change Management on Project Cost and Schedule Performances, Yi Zou; Sang-Hoon Lee, AACE Transactions, 2006
- 167. Schedule Analysis Indices, Gary Rock Spencer, PE; Rose Mary Lewis, PE, **AACE Transactions**, 2006 168. Claims Analysis Nested in Schedule Updates, Christopher Willis Carson, **AACE Transactions**, 2006
- 168. Cialms Analysis Nested in Schedule Opadies, Christopher Willis Carson, AACE Transactions, 2006
- 169. Innovative Approaches to CPM Scheduling Management, Russell P. Vakharia, CCE PSP, AACE Transactions, 2006
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- 172. Current Delay Analysis Techniques and Improvements, Satish B. Mohan; Khalid S. Al-Gahtani, Cost Engineering Journal, 2006
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- 174. Total Float Management for Delay Analysis, Khalid S. Al-Gahtani; Satish B. Mohan, Cost Engineering Journal, 2007

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- 175. How Claims Happen When Schedules Become Political An Actual Court Case Study, Michael W. Leary, PE; Craig D. Hutchison, AACE Transactions, 2007
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- 178. Converting Linear Schedules to Critical Path Method Precedence, Douglas D. Gransberg, PE CCE, AACE Transactions, 2007
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  - 2009
- 185. Understanding Schedule Change Management, Edward E. Douglas, III CCC PSP, AACE Transactions, 2009
- 186. Time-Based Schedule Performance Index, Robert C. Creese, PE CCE; Yi Fang, Cost Engineering Journal, 2010
- 187. Which Critical Path: As-Planned, Contemporaneous, or As-Built?, Mark F. Nagata, PSP, AACE Transactions, 2010
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- 191. Linear Scheduling for Production Home Building, Carla Lopez del Puerto, CCC; Douglas D. Gransberg, PE FRICS, AACE Transactions, 2010

- 192. Rectification of CPM Schedules, Ronald M. Winter, PSP, AACE Transactions, 2010
- 193. The Construction Schedule Log: Charting the Project Path, Paul Levin; Mark Doran, AACE Transactions, 2010

#### Chapter 04: Classics Critical Path Scheduling: Fundamentals And Concepts, William P. Allman, AACE Transactions, 1962

- 1. 2. Critical Path Or Arrow Diagram Planning: Examples In Process Industry, V. K. Moore, AACE Transactions, 1962
- 3. Critical Path Scheduling - Philosophy And Experience, Robert B. Vogeler, AACE Transactions, 1962
- 4. Critical Path Scheduling Experience In Defense Contracts, William R. Kelley, AACE Transactions, 1962
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- 6. Planning, Scheduling And Control Of Construction Projects, E. S. Steben, AACE Transactions, 1966
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- 10. A Cost Engineering Department, C. L. Osborne; L. W. Hedrick; W. G. Clark, AACE Transactions, 1967
- 11. Capital Cost Control and Planning During Design, Frank W. Helyar, AACE Transactions, 1968
- Better Project Control Through Coordinated Estimating, Cost Control And Scheduling, J. Alcabes, AACE Transactions, 1969
- 13. Cost And Schedule Control Of Engineering Work Using One Data Base & The Network Technique: A Concept, G. Suhanic, Jr., AACE Transactions,
  - 1969
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- Solomon; Robert E. Templeton, AACE Transactions, 1970 17. Manpower Planning In An Engineering Department, J. Harvel Ortego, AACE Transactions, 1970
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- 21. Maximum Profit Through Integrated Project Control, Gerhald L. Hollander, AACE Transactions, 1974
- Interrelating Project Estimates to CPM Schedules, Albert A. Badger, AACE Transactions, 1974 22.
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Schedule Risk-Analysis, DW Campbell, Cost Engineering Journal, 1972

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- Managerial Attention to Cost and Schedule, John W. Strach, AACE Transactions, 1974

- An Owner's Approach to a Planned Project Information System, Robert B. Mcknight, AACE Transactions, 1974 26.
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  - 1975
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  - Cost and Time Through Historical Models, William R. Orr, PE, AACE Transactions, 1976
- Power Industry Management in Energy, Dollar, Schedule Crisis, R. Winston Gardner; William C. Drotleff, AACE Transactions, 1976 34.
  - Project Management Planning and Scheduling System, Gerald W. Duray, AACE Transactions, 1976
- Project Management with Scheduling, Daniel P. Elliott, AACE Transactions, 1976 36.
- Owner Approach to Planning and Scheduling, James A. Bent; John W. Hackney, AACE Transactions, 1976 37.
- 38. The Project Schedule: The Key to Project Communication, James M. Colvin; Larkin B. Breed, AACE Transactions, 1976
  - Cost Systems: Problems (and Some Solutions), Paul M. Teicholz, AACE Transactions, 1976
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- 41. Scheduling and Controlling Construction Sub-Contracts, James A. Bent, AACE Transactions, 1977
- Cost Control Methods for Defense Systems Contracts, Alan L. Bossinger, AACE Transactions, 1977 42.
- 43. An Integrated Cost and Schedule Control System for Power Plant Construction, Edward B. Cutting, AACE Transactions, 1977
  - Construction Project Planning and Cost Control, Arnold J. Quakkelaar, AACE Transactions, 1977

  - Short Cycle Methods for Improved Construction Control, Gui Ponce-Campos; Edward E. Pauley, AACE Transactions, 1977
  - Production and Scheduling of Gardern Apartments, Charles L. Osborn, AACE Transactions, 1977
- 47. A System for Measuring Cost and Schedule Performance, Richard H. Campbell, AACE Transactions, 1978 Operating Contractors Project Office - Computerized Manufacturing Scheduling Using Heuristic Procedures, Randall C. DeLozier, AACE
  - Transactions, 1978
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- Construction Weekly Work Program, James A. Bent, CCE, AACE Transactions, 1978 56.
- Reverse Technique for Project Planning/Scheduling Controls, Duane A. Fuller, AACE Transactions, 1978 57.
- Project Control Through Performance Measurement System, Parmanand Kumar, AACE Transactions, 1979 58.
- Project Control By Whom? Of What?, James A. Bent, CCE, AACE Transactions, 1979
- Stone & Webster Engineering Management System (EMS), Remo J. Silvestrini, AACE Transactions, 1979
- 61. Cost/Performance Measurement, Melvin F. Rogers, AACE Transactions, 1979

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- Benefits of a Fixed Scheduling System, Cecil J. Bendy; Thomas E. Danz, AACE Transactions, 1979
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- The Integration Of Labor Cost Distribution (LCD) & Network Scheduling, Stephen C. Wexler, AACE Transactions, 1979
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