# The Analysis of Activity Networks Under Generalized P

Citation Report

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Network Criticality with Multiple Work-Patterns. Journal of the Operational Research Society, 1994, 45, 927-933. | 2.1 | 1 |
| 2 | Modelling and managing disjunctions in scheduling problems. Journal of Intelligent Manufacturing, 1995, 6, 133-144. | 4.4 | 8 |
| 3 | Heuristics for the minimum project-duration problem with minimal and maximal time lags under fixed resource constraints. Journal of Intelligent Manufacturing, 1995, 6, 145-154. | 4.4 | 45 |
| 4 | Activity nets: A guided tour through some recent developments. European Journal of Operational Research, 1995, 82, 383-408. | 3.5 | 118 |
| 5 | A tandem expert system for batch scheduling in a CIM system based on group technology concepts. , 0, , . | | 2 |
| 6 | An Approach to the Modeling and Analysis of Software Production Processes. International Transactions in Operational Research, 1995, 2, 117-135. | 1.8 | 10 |
| 7 | Scheduling design activities with a pull system approach. IEEE Transactions on Automation Science and Engineering, 1996, 12, 15-21. | 2.4 | 12 |
| 8 | A Branch-and-Bound Procedure for the Generalized Resource-Constrained Project Scheduling Problem. Operations Research, 1997, 45, 201-212. | 1.2 | 52 |
| 9 | Scheduling Models for Setup Reduction. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 1997, 119, 571-579. | 1.3 | 5 |
| 10 | Activity-on-node networks with minimal and maximal time lags and their application to make-to-order production. OR Spectrum, 1997, 19, 205-217. | 2.1 | 59 |
| 11 | Audit scheduling with overlapping activities and sequence-dependent setup costs. European Journal of Operational Research, 1997, 97, 22-33. | 3.5 | 40 |
| 12 | Measuring uncertainty and criticality in network planning by PERT-path technique. International Journal of Project Management, 1997, 15, 377-387. | 2.7 | 23 |
| 13 | A branch-and-bound procedure for the resource-constrained project scheduling problem with generalized precedence relations. European Journal of Operational Research, 1998, 111, 152-174. | 3.5 | 131 |
| 14 | Total quality management of a production-maintenance system: A network approach. International Journal of Production Economics, 1998, 56-57, 407-421. | 5.1 | 6 |
| 15 | Resource-constrained project scheduling: A survey of recent developments. Computers and Operations Research, 1998, 25, 279-302. | 2.4 | 444 |
| 16 | Designing tributary networks with multiple ring families. Computers and Operations Research, 1998, 25, 1145-1157. | 2.4 | 19 |
| 17 | An optimal procedure for the resource-constrained project scheduling problem with discounted cash flows and generalized precedence relations. Computers and Operations Research, 1998, 25, 1-17. | 2.4 | 21 |
| 18 | A branch and bound algorithm for a single-machine scheduling problem with positive and negative time-lags. Discrete Applied Mathematics, 1999, 94, 77-99. | 0.5 | 43 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | The multi-mode resource-constrained project scheduling problem with generalized precedence relations. European Journal of Operational Research, 1999, 119, 538-556. | 3.5 | 116 |
| 20 | A fuzzy set approach to activity scheduling for product development. Journal of the Operational Research Society, 1999, 50, 1217-1228. | 2.1 | 19 |
| 21 | Improving project cost estimation by taking into account managerial flexibility. European Journal of Operational Research, 2000, 127, 239-251. | 3.5 | 32 |
| 22 | Scheduling of Resource-Constrained Projects. Operations Research/ Computer Science Interfaces Series, 2000, , . | 0.3 | 89 |
| 23 | A Time-Oriented Branch-and-Bound Algorithm for Resource-Constrained Project Scheduling with Generalised Precedence Constraints. Management Science, 2000, 46, 1365-1384. | 2.4 | 93 |
| 24 | Tools for resource-constrained project scheduling and control: forward and backward slack analysis. Journal of the Operational Research Society, 2001, 52, 779-788. | 2.1 | 13 |
| 25 | Local search algorithms for a single-machine scheduling problem with positive and negative time-lags. Discrete Applied Mathematics, 2001, 112, 179-197. | 0.5 | 20 |
| 26 | Criticality Analysis in Activity-on-Node Networks with Minimal Time Lags. Annals of Operations Research, 2001, 102, 17-37. | 2.6 | 22 |
| 28 | Modeling impacts of process architecture on cost and schedule risk in product development. IEEE Transactions on Engineering Management, 2002, 49, 428-442. | 2.4 | 350 |
| 29 | Project scheduling with inventory constraints. Mathematical Methods of Operations Research, 2003, 56, 513-533. | 0.4 | 76 |
| 30 | The Value of Resource Flexibility in the Resource-Constrained Job Assignment Problem. Management Science, 2003, 49, 718-732. | 2.4 | 29 |
| 31 | New Computational Results for the Discrete Time/Cost Trade-Off Problem with Time-Switch Constraints. SSRN Electronic Journal, 2003, , . | 0.4 | 0 |
| 32 | A Hybrid Framework for Over-Constrained Generalized. Artificial Intelligence Review, 2004, 22, 211-243. | 9.7 | 2 |
| 33 | Project time–cost analysis under generalised precedence relations. Advances in Engineering Software, 2004, 35, 715-724. | 1.8 | 47 |
| 34 | Critical clouds and critical sets in resource-constrained projects. International Journal of Project Management, 2004, 22, 489-497. | 2.7 | 24 |
| 35 | More on three-machine no-idle flow shops. Computers and Industrial Engineering, 2004, 46, 461-466. | 3.4 | 25 |
| 36 | New computational results for the discrete time/cost trade-off problem with time-switch constraints. European Journal of Operational Research, 2005, 165, 359-374. | 3.5 | 54 |
| 37 | A Simulation-Based Process Model for Managing Complex Design Projects. IEEE Transactions on Engineering Management, 2005, 52, 316-328. | 2.4 | 239 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 39 | Time-Cost Optimization of Construction Projects with Generalized Activity Constraints. Journal of Construction Engineering and Management - ASCE, 2005, 131, 1115-1124. | 2.0 | 87 |
| 40 | Research and Practical Issues of Enterprise Information Systems. International Federation for Information Processing, 2006, , . | 0.4 | 2 |
| 41 | On the Sensitivity of a Non-Critical Activity's Duration to Activities' Total Floats in Networks under Generalize Precedence Relations. , 2006, , . | | 0 |
| 42 | Feasibility Identification for Networks with Generalized Precedence Relations (GPRs). , 2006, , 711-720. | | 0 |
| 43 | The Influence on an Activity's Total Float of a Change in its Duration in Networks with Generalized Precedence Relations (GPRs). , 2006, , . | | 0 |
| 44 | Longest path time-cost analysis of construction projects with generalised activity constraints. Operational Research, 2006, 6, 271-281. | 1.3 | 1 |
| 45 | Research on the Improvement Methods of Network Model with Generalized Precedence Relations (GPRs). , 2006, , . | | 1 |
| 46 | Criticality Analysis in Activity-on-Arc Networks with Generalized Precedence Relations (GPRs). , 2006, , . | | 0 |
| 47 | On no-wait and no-idle flow shops with makespan criterion. European Journal of Operational Research, 2007, 178, 677-685. | 3.5 | 56 |
| 48 | The discrete time/cost trade-off problem: extensions and heuristic procedures. Journal of Scheduling, 2007, 10, 311-326. | 1.3 | 98 |
| 49 | The Modeling of the External Cost Influence on the Modal Split in the Transport Network. , 2008, , . | | 0 |
| 50 | Application of Time-Dependent Fault Tree Models for the Analysis of Project Schedule Failure Conditions. , 2008, , . | | 0 |
| 51 | Transform Schemes Applied on Non-Finish-to-Start Logical Relationships in Project Network Diagrams. Journal of Construction Engineering and Management - ASCE, 2009, 135, 863-873. | 2.0 | 19 |
| 52 | Project management using point graphs. Systems Engineering, 2009, 12, 36-54. | 1.6 | 3 |
| 53 | A multi-mode resource-constrained discrete time–cost tradeoff problem and its genetic algorithm based solution. International Journal of Project Management, 2009, 27, 600-609. | 2.7 | 74 |
| 54 | Simulated annealing and tabu search for multi-mode project payment scheduling. European Journal of Operational Research, 2009, 198, 688-696. | 3.5 | 55 |
| 56 | Hierarchical Scheduling of Mobile Robots in Production-Transportation Supply Chains. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 786-791. | 0.4 | 4 |
| 57 | Maximizing the net present value of a project under uncertainty. European Journal of Operational Research, 2010, 202, 356-367. | 3.5 | 64 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 58 | A new formulation of the resource-unconstrained project scheduling problem with generalized precedence relations to minimize the completion time. Networks, 2010, 56, 263-271. | 1.6 | 12 |
| 59 | An Effective Immune Based Approach for the No-Wait Flow Shop Scheduling Problems with Multiple Machines. Advanced Materials Research, 2010, 97-101, 2432-2435. | 0.3 | 1 |
| 60 | Advances in Production Management Systems. New Challenges, New Approaches. International Federation for Information Processing, 2010, , . | 0.4 | 4 |
| 61 | A project scheduling approach to production planning with feeding precedence relations. International Journal of Production Research, 2011, 49, 995-1020. | 4.9 | 46 |
| 62 | Pluralism in Project Management: Navigating the Crossroads of Specialization and Fragmentation. International Journal of Management Reviews, 2011, 13, 153-176. | 5.2 | 242 |
| 63 | Minimizing the completion time of a project under resource constraints and feeding precedence relations: a Lagrangian relaxation based lower bound. 4or, 2011, 9, 371-389. | 1.0 | 21 |
| 64 | A new lower bound for the resource-constrained project scheduling problem with generalized precedence relations. Computers and Operations Research, 2011, 38, 14-20. | 2.4 | 23 |
| 65 | A note on the modelling of project networks with time constraints. European Journal of Operational Research, 2011, 211, 666-670. | 3.5 | 4 |
| 66 | Project scheduling with finite or infinite number of activity processing modes â€" A survey. European Journal of Operational Research, 2011, 208, 177-205. | 3.5 | 230 |
| 67 | Decision Support and Optimization in Shutdown and Turnaround Scheduling. INFORMS Journal on Computing, 2011, 23, 189-204. | 1.0 | 31 |
| 68 | Criticality Analysis in Precedence Networks with Multiple Time-Constraints. , 2011, , . | | 0 |
| 69 | The analysis of coal port abnormal phenomenon activity network under generalized precedence relations. , 2012, , . | | 2 |
| 70 | Minimizing the completion time of a project under resource constraints and feeding precedence relations: an exact algorithm. 4or, 2012, 10, 361-377. | 1.0 | 10 |
| 71 | Project Management with Dynamic Scheduling. , 2012, , . | | 53 |
| 72 | Controlling Path and Controlling Segment Analysis in Repetitive Scheduling Method. Journal of Construction Engineering and Management - ASCE, 2012, 138, 1341-1345. | 2.0 | 11 |
| 73 | A process simulation based method for scheduling product design change propagation. Advanced Engineering Informatics, 2012, 26, 529-538. | 4.0 | 46 |
| 74 | A project scheduling approach to production and material requirement planning in Manufacturing-to-Order environments. Journal of Intelligent Manufacturing, 2012, 23, 575-585. | 4.4 | 22 |
| 75 | A new approach for solving the network problems. Opsearch, 2012, 49, 1-21. | 1.1 | 2 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 76 | A path enumeration approach for the analysis of critical activities in fuzzy networks. Information Sciences, 2012, 204, 23-35. | 4.0 | 11 |
| 77 | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey. Constraints, 2012, 17, 51-85. | 0.4 | 45 |
| 78 | A branchâ€andâ€bound algorithm for scheduling of new product development projects. International Transactions in Operational Research, 2013, 20, 251-266. | 1.8 | 7 |
| 79 | Criticality Comparison between the Repetitive Scheduling Method and the Network Model. Journal of Construction Engineering and Management - ASCE, 2013, 139, 06013004. | 2.0 | 5 |
| 80 | Scheduling reconstruction operations with modes of execution. Journal of the Operational Research Society, 2013, 64, 898-911. | 2.1 | 4 |
| 81 | Characterization of the Transient Response of Coupled Optimization in Multidisciplinary Design. Mathematical Problems in Engineering, 2013, 2013, 1-15. | 0.6 | 2 |
| 82 | Analysis of an Anomaly: The Increase in Time Float following Consumption. Scientific World Journal, The, 2014, 2014, 1-12. | 0.8 | 3 |
| 83 | An integrated change propagation scheduling approach for product design. Concurrent Engineering Research and Applications, 2014, 22, 347-360. | 2.0 | 28 |
| 84 | On the complexity of project scheduling to minimize exposed time. European Journal of Operational Research, 2014, 237, 448-453. | 3.5 | 9 |
| 85 | Scheduling of Changes in Complex Engineering Design Process via Genetic Algorithm and Elementary Effects Method. Advances in Mechanical Engineering, 2014, 6, 169097. | 0.8 | 0 |
| 86 | The Fuzzy Project Scheduling Problem with Minimal Generalized Precedence Relations. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 872-891. | 6.3 | 26 |
| 87 | Tools of Transport Telematics. Communications in Computer and Information Science, 2015, , . | 0.4 | 6 |
| 89 | A Float-Path Theory and Its Application to the Time-Cost Tradeoff Problem. Journal of Applied Mathematics, 2015, 2015, 1-17. | 0.4 | 2 |
| 90 | Generalized Discrete Time-Cost Tradeoff Problems. , 2015, , 639-658. | | 3 |
| 91 | Simplifying activity networks under generalized precedence relations to extended CPM networks. International Transactions in Operational Research, 2016, 23, 1141-1161. | 1.8 | 5 |
| 92 | Genetic algorithm for Generalized Resource Constrained Multi Project Scheduling Problem integrated with closed loop supply chain planning. , 2016, , . | | 2 |
| 93 | Multi-objective optimization of discrete timeâ€"cost tradeoff problem in project networks using non-dominated sorting genetic algorithm. Journal of Industrial Engineering International, 2016, 12, 159-169. | 1.8 | 25 |
| 94 | Modeling a Generalized Resource Constrained Multi Project Scheduling Problem Integrated with a Forward-Backward Supply Chain Planning. IFAC-PapersOnLine, 2016, 49, 1283-1288. | 0.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 95 | Project costâ€"qualityâ€"risk tradeoff analysis in a time-constrained problem. Computers and Industrial Engineering, 2016, 95, 111-121. | 3.4 | 49 |
| 96 | Least Risky Change Propagation Path Analysis in Product Design Process. Systems Engineering, 2017, 20, 379-391. | 1.6 | 14 |
| 97 | Simplifying the nonlinear continuous time-cost tradeoff problem. Journal of Systems Science and Complexity, 2017, 30, 901-920. | 1.6 | 2 |
| 98 | Resource Leveling Based on Backward Controlling Activity in Line of Balance. Mathematical Problems in Engineering, 2017, 2017, 1-9. | 0.6 | 8 |
| 99 | A tool to test and validate algorithms for the resource-constrained project scheduling problem. Computers and Industrial Engineering, 2018, 118, 251-265. | 3.4 | 42 |
| 100 | Matrix-Based Change Prediction and Analysis Method Considering Multiple Change Requirements. , 2018, , 145-183. | | 0 |
| 101 | New Quantization Approach for the Anomaly: The Increase in Time Float following Consumption. Mathematical Problems in Engineering, 2018, 2018, 1-11. | 0.6 | 1 |
| 102 | Parametric Critical Path Analysis for Event Networks With Minimal and Maximal Time Lags. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2697-2708. | 1.9 | 3 |
| 103 | Passenger- and operator-oriented scheduling of large railway projects. Transportation Research Part C: Emerging Technologies, 2019, 102, 136-152. | 3.9 | 4 |
| 104 | Comparison of PERT and M-PERT scheduling for a construction project in Malang, Indonesia. IOP Conference Series: Materials Science and Engineering, 0, 508, 012034. | 0.3 | 3 |
| 105 | Zero-One Formulation for a Partial Resource-Constrained Project Scheduling Problem with Generalized Precedence Relations. Journal of Construction Engineering and Management - ASCE, 2019, 145, 04018142. | 2.0 | 6 |
| 106 | Invisible consumptions and enlargements of activity floats under generalized precedence relations. Soft Computing, 2019, 23, 10837-10852. | 2.1 | 1 |
| 107 | Work Package Sizing and Project Performance. Operations Research, 2019, 67, 123-142. | 1.2 | 14 |
| 108 | RCPSP with Combined Precedence Relations and Resource Calendars. Journal of Construction Engineering and Management - ASCE, 2020, 146, . | 2.0 | 6 |
| 109 | Optimizing timeâ€"cost in generalized construction projects using multiple-objective social group optimization and multi-criteria decision-making methods. Engineering, Construction and Architectural Management, 2020, 27, 2287-2313. | 1.8 | 24 |
| 110 | Preprocessing the Discrete Time-Cost Tradeoff Problem with Generalized Precedence Relations. Mathematical Problems in Engineering, 2020, 2020, 1-19. | 0.6 | 3 |
| 111 | A transformation of human operation approach to inform system design for automation. Journal of Intelligent Manufacturing, 2021, 32, 201-220. | 4.4 | 3 |
| 112 | The Time/Cost Trade-off Problems. Springer Texts in Business and Economics, 2021, , 141-165. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 113 | Comparison of different algorithms for time analysis for CPM schedule networks. Automation in Construction, 2021, 127, 103697. | 4.8 | 0 |
| 114 | Project scheduling with generalized precedence relations: A new method to analyze criticalities and flexibilities. European Journal of Operational Research, 2022, 298, 451-462. | 3.5 | 4 |
| 115 | Planning and Network Modeling of Projects. Springer Texts in Business and Economics, 2021, , 49-100. | 0.2 | 0 |
| 116 | Algorithms for Scheduling Projects with Generalized Precedence Relations. Profiles in Operations Research, 1999, , 77-105. | 0.3 | 20 |
| 117 | Project Scheduling for Aggregate Production Scheduling in Make-to-Order Environments. , 2015, , 1249-1266. | | 2 |
| 118 | The Stochastic Time-Constrained Net Present Value Problem. , 2015, , 753-780. | | 8 |
| 119 | Multicriteria Decision Support in Designing Transport Systems. Communications in Computer and Information Science, 2015, , 11-23. | 0.4 | 18 |
| 120 | A Decisional Framework for Concurrent Planning of Multiple Projects and Supply Chain Network. Lecture Notes in Business Information Processing, 2018, , 107-122. | 0.8 | 1 |
| 121 | On Criticality of Paths in Networks with Imprecise Durations and Generalized Precedence Relations. Advances in Intelligent and Soft Computing, 2009, , 315-324. | 0.2 | 2 |
| 122 | Advanced Topics in Project Management Process. International Federation for Information Processing, 2010, , 425-432. | 0.4 | 2 |
| 123 | The Critical Path Method. , 2013, , 37-57. | | 2 |
| 124 | A DSS Solution for Integrated Automated Bidding, Subcontractor Selection and Project Scheduling. Lecture Notes in Business Information Processing, 2013, , 72-85. | 0.8 | 1 |
| 125 | Scheduling Models for Workflow Management. , 1996, , 67-80. | | 10 |
| 127 | Quantifying the Convergence Time of Distributed Design Processes. , 2011, , . | | 0 |
| 128 | Managing a Secret Project. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 131 | Minimizing the Project Cost with Generalized Precedence Relations. Journal of Software, 2016, 11, 162-181. | 0.6 | 0 |
| 132 | The Resource Transfer Problem. Contributions To Management Science, 2019, , 49-68. | 0.4 | 0 |
| 133 | Project scheduling algorithms for construction projects with stretchable activities. IOP Conference Series: Materials Science and Engineering, 2022, 1218, 012043. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 134 | Project Time-Cost Analysis under Generalised Precedence Relations. , 0, , . | | 0 |