

Intellectual Contributions

The University of Vermont

zz-Shirland, Larry E. (Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)

Iacovou, C. L., zz-Shirland, L. E., Thompson, R. L. (2010). A Comparison of Pairs, Triads and Quads in Multi-Attribute Decision Making. *International Journal of Strategic Decision Sciences*, 1(4), 1-24. <http://www.igi-global.com/Bookstore/Article.aspx?TitleId=48832>

Journal Article, Academic Journal (Published)

zz-Shirland, L. E. (2006). A Comparison of Evaluation Techniques for Decision Analysis Involving Large Attribute Sets. *Journal of Applied Business Research*, 22(2), 25-38. <http://www.cluteinstitute-onlinejournals.com/PDFs/2006450.pdf>

Journal Article, Academic Journal (Published)

Iacovou, C. L., Thompson, R. L., zz-Shirland, L. E. (2004). Job Selection Preferences of Business Students. *Journal of Applied Business Research*, 20(1), 87-98.

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., zz-Jesse, R. R., Thompson, R. L., Iacovou, C. L. (2003). Determining Attribute Weights Using Mathematical Programming. *OMEGA: The International Journal of Management Science*, 31(6), 423-437. http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6VC4-49CSVRW-1-61&_cdi=5944&_user=1563816&_orig=browse&_coverDate=12%2F31%2F2003&_sk=999689993&view=c&wchp=dGLzVzz-zSkWA&md5=2ea38554f686595a3462ed6ec2fef64d&ie=/sdarticle.pdf

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., zz-Manock, J. (2000). Collaborative Teaching of Integrated Product Development: A Case Study. *IEEE Transactions on Education*, 43(3), 343-348. http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=865212

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., Thompson, R. (2000). The Revolutionary Growth of Internet Business and its Management Implications. *Industrial Management*, 42(2), 26-33.

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zz-Shirland, L. E., zz-Jesse, R. R. (1999). Assessing a State's Political Climate for Business Development and Growth. *Business Journal*, 14(1 & 2), 15-20.

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zz-Shirland, L. E. (1997). Acceptance Sampling Plan Design With Specified Producer's and Consumer's Risk Using A Microcomputer. *Industrial Engineering*, 19(6), 27-33.

Journal Article, Academic Journal (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1994). Using Issue/Impact/Probability (I2P) Analysis to Facilitate Large and Diverse Group Meetings. *Engineering Management Journal*, 6(4), 36-46.

Journal Article, Academic Journal (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1985). Prototyping Information Systems on Microcomputers: A Design Philosophy for Engineering Management. *Engineering Management International*, 3(2), 73-84.

Journal Article, Academic Journal (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1985). A Prototyping Method for Application Development by End Users and Information System Specialists. *MIS Quarterly*, 9(3), 189-197. <http://www.jstor.org/pss/248948>

Journal Article, Academic Journal (Published)

Polczynski, J. J., zz-Shirland, L. E. (1985). Considering Dogmatic Thinking When Developing Training Strategy For Microcomputer Use By Managers. *The Journal of Data Education*, 25(3), 11-13.

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., Polczynski, J. J. (1984). Dynamic Management Communication Exchange: A Mathematical Model of Information Flow Through the Johari Window. *Journal of Management Studies*, 1(1), 21-27.

Journal Article, Academic Journal (Published)

Polczynski, J. J., zz-Shirland, L. E. (1983). Determining Readiness of Hospital Administrators to Accept Management By Objectives. *Hospital Administration*, 20(3 & 4), 138-147.

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zz-Shirland, L. E. (1983). Service Technician Scheduling With Timing Constraints and Stochastic Demand. *International Journal On Policy And Information*, 7(1), 69-78.

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zz-Shirland, L. E. (1983). Computerized Dressage Scheduling. *Interfaces: A TIMS ORSA Journal*, 13, 75 - 81. <http://www.jstor.org/pss/25060422>

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., Polczynski, J. J. (1981). Student Dogmatism in Business Administration: Concern for Open Mindedness in Decision Making, Course Success and Satisfaction. *Management Education and Development Journal*, 12(2), 116-132.

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zz-Parke, E. Lauck, Schermerhorn, J. J., zz-Shirland, L. E. (1981). An Empirical Evaluation of Repeatable Testing as a Technique for Improving Management Education. *Academy of Management Journal*, 24(2), 432-438.

Journal Article, Academic Journal (Published)

zz-Shirland, L. E., Schermerhorn, J. R. (1981). Hospital Administrator Felt Needs for Interorganizational Cooperation and Actual Cooperative Outcomes by Their Hospitals. *Decision Sciences*, 12(3), 486-501.
<http://www3.interscience.wiley.com/journal/120047831/abstract?CRETRY=1&SRETRY=0>

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zz-Shirland, L. E., zz-Gatti, J. F. (1980). An Application of a Multi-Tour Routing Problem. *Proceedings: 1980 Spring Annual Conference - American Institute of Industrial Engineers*(April), 329-334.

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Singer, R. M., Polczynski, J. J., zz-Shirland, L. E. (1977). Motivating Students: Contract Grading and the Case Brief". *Business Law Review*, 10(2), 14-24.

Journal Article, Academic Journal (Published)

Polczynski, J. J., zz-Shirland, L. E. (1977). Expectancy Theory and Contract Grading Combined as an Effective Motivational Force for College Students. *Journal of*

Educational Research, 70(5), 238-241.
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&_ERICExtSearch_SearchValue_0=EJ168750&ERICExtSearch_SearchType_0=no&ac
cno=EJ168750](http://eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&_ERICExtSearch_SearchValue_0=EJ168750&ERICExtSearch_SearchType_0=no&acno=EJ168750)

Journal Article, Academic Journal (Published)
Saniga, E., zz-Shirland, L. E. (1977). Quality Control In Practice: A Survey. *Quality Progress*, 10(5), 30-33.

Journal Article, Academic Journal (Published)
zz-Shirland, L. E. (1974). Market Share Prediction Using Single-Factor Information Channel Models - A Reply. *Journal of the Market Research Society*, 16(3), 252-253.

Journal Article, Academic Journal (Published)
zz-Shirland, L. E. (1974). State Diagrams for Queuing. *Journal of Systems Management*, 25(6), 40-43.

Journal Article, Academic Journal (Published)
zz-Shirland, L. E., Inoue, M. J. (1974). Market Share Prediction Using Single Factor Information Channel ModelS. *Journal of the Market Research Society*, 16(1), 33-41.

Journal Article, Academic Journal (Published)
zz-Shirland, L. E. (1973). Applying Information Theory to Man Machine Systems. *Journal of Systems Management*, 24(7), 38-41.

Books

Book, Textbook-New (Published)
zz-Shirland, L. E. (1993). In John Wiley & Sons, Inc (Ed.), *Statistical Quality Control: With Microcomputer Applications* (pp. Textbook). Statistical Quality Control: With Microcomputer Applications.

Conference Proceedings

Conference Proceeding (Published)
zz-Kraushaar, J. M., zz-Shirland, L. E., Chittenden, N. B., Rohr, R. E. (2007). *Assessment and Assurance of Learning*. Society for Applied Learning Technology (SALT).

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zz-Shirland, L. E. (2007). *An Investigation of Judgment-Based Comparisons to Elicit Preferences in Large Attribute Set Evaluations*. Savannah, Georgia: Decision Sciences Institute (DSI).

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Thompson, R. L., Iacovou, C. L., zz-Shirland, L. E. (2003). *Job Selection Attributes: Priorities for Information Systems Students* (vol. April). Las Vegas, Nevada: Proceedings, ISOneWorld Conference.

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zz-Shirland, L. E., Thompson, R. L., Iacovou, C. (2002). *Determining Attribute Rankings in Group Decision Making: An Exploratory Study* (vol. April). Las Vegas, Nevada: ISONEWORLD Conference.

Conference Proceeding (Published)
zz-Shirland, L. E., Thompson, R. (1999). *Viewing Business-to-Business Electronic Commerce as an Innovation: Issues for Management* (vol. 1, pp. 193). Portland, Oregon:

Portland International Conference on Management of Engineering and Technology.
http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=808106

Conference Proceeding (Published)

zz-Shirland, L. E., zz-Jesse, R. R. (1997). *Prioritizing Strategic Issues Using Quadratic Goal Programming* (pp. 528-531). Oregon: Innovation in Technology Management - The Key to Global Leadership. PICMET '97: Portland International Conference on Management and Technology.
<http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=prioritizing+strategic+issues+using+quadratic+goal+programming&.x=37&.y=10>

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zz-Shirland, L. E., zz-Jesse, R. R. (1997). *Prioritizing Customer Requirements Using Goal Programming* (0 ed., vol. 51, pp. 297-308). Annual Quality Congress.
<http://www.asq.org/qic/display-item/index.html?item=10550>

Conference Proceeding (Published)

Durham, D., zz-Shirland, L. E. (1994). *Integrated Product Development and Management: A Permeable Boundary Provides An Integrated Educational Experience* (June 26-29 ed.). Edmonton, Alberta: Proceedings/ASEE Annual Conference.

Conference Proceeding (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1992). *Abstract: Impact/Probability: Measuring Consensus Using Goal Programming*. ORSA/TIMS Joint National Meeting, Technology & Innovation in a Global Economy Section.

Conference Proceeding (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1991). *Abstract: A Group Decision Support System for Large Group Processes* (October ed.). Portland, Oregon: Abstract: A Group Decision Support System for Large Group Processes.

Conference Proceeding (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1991). *A Group Decision Support System for Large Group Processes* (Oct 27-31 ed., pp. 17 pp.). Proceedings of the Portland International Conference on Management of Engineering and Tech.
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=183739

Conference Proceeding (Published)

zz-Shirland, L. E., zz-Kraushaar, J. M., zz-McIntosh, B., Posey, P., zz-Gurdon, M. A. (1991). *Impact Probability: A Group Decision Support Process* (pp. 138-141). Proceedings of the First International Meeting of Decision Sciences Institute.

Conference Proceeding (Published)

zz-Kraushaar, J. M., zz-Shirland, L. E. (1984). *Prototyping a Management Information System Using an Integrated Software Development Package for Micro Computers* (pp. 122-126). 26th International Symposium on Applications of Microcomputers/International Society for Mini and Micro Computers.

Conference Proceeding (Published)

Bozon, G., Polczynski, J. J., zz-Shirland, L. E. (1984). *Closed Minded Decision Making: Reduction During Management Training for Hospital Supervisors*. Southwest AIDS Conference.

Conference Proceeding (Published)

zz-Shirland, L. E. (1981). *Multi Tour Scheduling With Stochastic Demand* (vol. 2, pp. 281-283). Boston, Massachusetts: National AIDS (American Institute Of Decision Sciences) Conference.

Conference Proceeding (Published)

zz-Shirland, L. E. (1980). *Multi Tour Scheduling for Service Technicians* (pp. 157-159). Las Vegas, Nevada: AIDS (American Institute Of Decision Sciences) Annual Conference.

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zz-Parke, E. Lauck, zz-Shirland, L. E. (1980). *The Prospects for Worker Centered Quality Control in a High Technology Industry: A Case Study* (pp. 85-92). St. Louis, Missouri: 1st Annual Meeting of the American Society for Engineering Management (ASEM).

Conference Proceeding (Published)

zz-Shirland, L. E. (1980). *An Application of a Multi Tour Routing Problem* (pp. 329-334). AIIE (American Institute Of Industrial Engineers) Spring Annual Conference.

Conference Proceeding (Published)

zz-Parke, E. Lauck, Schermerhorn, J. R., zz-Shirland, L. E. (1979). *An Experiment with Repeatable Testing in an Introductory O.B. Course* (vol. Proceedings). Atlanta, Georgia: Thirty-ninth Annual Academy of Management Meetings.

Conference Proceeding (Published)

zz-Shirland, L. E. (1978). *Cost Estimation Using Learning Curves* (5th ed., vol. 78, pp. 24-30). Boston International.

Conference Proceeding (Published)

zz-Shirland, L. E. (1977). *Dynamics of the Johari Window: A Simulation* (vol. 1, pp. 396-401). Gaithersberg, Maryland: 1977 Winter Simulation Conference, National Bureau of Standards.