

# Intellectual Contributions

The University of Vermont

zz-Jesse, Richard R. (Associate Professor)

## Refereed Journal Articles

*Journal Article, Academic Journal (Published)*

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

*Journal Article, Academic Journal (Published)*

Fordyce, K., Dalton, D., Gerard, B., zz-Jesse, R. R., Sell, D., Sullivan, G. (1992). Daily Output Planning: Integrating Operations Research, Artificial Intelligence, and Real-time Decision Support with APL2. *Expert Systems with Applications*, 5(3-4), 245-256.  
[http://dx.doi.org/10.1016/0957-4174\(92\)90009-H](http://dx.doi.org/10.1016/0957-4174(92)90009-H)

*Journal Article, Academic Journal (Published)*

Hummel, J. W., zz-Jesse, R. R. (1990). A Spreadsheet Heuristic Approach for the Stocking and Retention of Slow-moving, Obsolescent Items. *Computers and Industrial Engineering*, 18(2), 163-173. [http://dx.doi.org.ezproxy.uvm.edu/10.1016/0360-8352\(90\)90027-J](http://dx.doi.org.ezproxy.uvm.edu/10.1016/0360-8352(90)90027-J)

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R. (1986). On the Retention of Finished Goods Inventory When Reorder-Occurrence Is Uncertain. *Journal of Operations Management*, 6(2), 149-157.  
[http://dx.doi.org.ezproxy.uvm.edu/10.1016/0272-6963\(86\)90022-7](http://dx.doi.org.ezproxy.uvm.edu/10.1016/0272-6963(86)90022-7)

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R., zz-Kraushaar, J. M. (1985). A Computer Method for Inventory Production/Disposal Decisions When Reorder-Occurrence Is Uncertain. *Computers and Industrial Engineering*, 9(2), 273-286. [http://dx.doi.org.ezproxy.uvm.edu/10.1016/0360-8352\(85\)90007-5](http://dx.doi.org.ezproxy.uvm.edu/10.1016/0360-8352(85)90007-5)

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R., Blackstone, Jr., J. H. (1985). A Note on Using the Lot-Sizing Index for Comparing Discrete Lot-Sizing Techniques. *Journal of Operations Management*, 5(4), 461-464. [http://dx.doi.org.ezproxy.uvm.edu/10.1016/0272-6963\(85\)90027-0](http://dx.doi.org.ezproxy.uvm.edu/10.1016/0272-6963(85)90027-0)

*Journal Article, Academic Journal (Published)*

Mitra, A., Cox, J. F., zz-Jesse, R. R. (1984). A Note on Determining Order Quantities with a Linear Trend in Demand. *Journal of the Operational Research Society*, 35(2).  
<http://www.jstor.org/stable/2581442>

*Journal Article, Academic Journal (Published)*

Mitra, A., Cox, J. F., Blackstone, Jr., J. H., zz-Jesse, R. R. (1983). A Re-examination of Lot Sizing Procedures for Requirements Planning Systems: Some Modified Rules.

*International Journal of Production Research*, 21(4), 471-478.  
<http://www.tandfonline.com.ezproxy.uvm.edu/doi/abs/10.1080/00207548308942383>

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R., Mitra, A., Cox, J. F. (1983). EOQ Formula: Is It Valid under Inflationary Conditions? *Decision Sciences*, 14(3), 370-374.  
<http://md1.csa.com/partners/viewrecord.php?requester=gs&collection=TRD&recid=0579795CI&q=%22EOQ+Formula%3A++Is+It+Valid+under+Inflationary+Conditions%22&uid=790395830&setcookie=yes>

*Journal Article, Academic Journal (Published)*

Snyder, C. A., Cox, J. F., zz-Jesse, R. R. (1982). A Dependent Demand Approach to Service Organization Planning and Control. *The Academy of Management Review*, 7(3), 455-466. <http://www.jstor.org/stable/257338>

*Journal Article, Academic Journal (Published)*

Clarke, S. J., Cox, J. F., zz-Jesse, R. R., Zmud, R. W. (1982). How to Evaluate Your Material Requirements Planning System. *Production and Inventory Management*, 23(3), 15-34.

*Journal Article, Academic Journal (Published)*

Cox, J. F., zz-Jesse, R. R. (1981). An Application of Material Requirements Planning to Higher Education. *Decision Sciences*, 12(2), 240-260.  
<http://search.proquest.com.ezproxy.uvm.edu/docview/198058534?accountid=14679>

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R., Radcliffe, R. C. (1981). On Speculation and Price Stability Under Uncertainty. *The Review of Economics and Statistics*, 63(1), 129-132.  
<http://www.jstor.org/stable/1924226>

*Journal Article, Academic Journal (Published)*

zz-Jesse, R. R. (1976). Production Inventory Decisions Under Order-Occurrence Risk: The Deterministic Order Quantity Case. *Management Science*, 22(6), 664-669.  
<http://www.jstor.org/stable/2629936>

### **Conference Proceedings**

*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>

*Conference Proceeding (Published)*

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)*

zz-Jesse, R. R., Hummel, J. W. (1991). *A Stocking Model for High-Value, Low-Demand Items*. Florida: DSI Annual Meeting.

*Conference Proceeding (Published)*

zz-Jesse, R. R. (1985). *Capital Equipment Selection Strategy Under Volatile Economic Conditions*. Michigan: AUTOFACT '85 Conference, Computer and Automated Systems Association of the Society of Manufacturing Engineers.

*Conference Proceeding (Published)*

zz-Jesse, R. R. (1981). *Manufacturing Simulation with GEMS*. Georgia: Southern Management Association Annual Meeting.

*Conference Proceeding (Published)*

zz-Jesse, R. R. (1979). *On the Disposal of Finished Inventory When Reorder-Occurrence Is Uncertain*. AIDS Annual Meeting.

*Conference Proceeding (Published)*

zz-Jesse, R. R. (1972). *Inventory Decisions Under Uncertain Demand: A Dynamic Modeling Approach*. Vermont.

### **Other Intellectual Contributions**

*Written Case with Instructional Material (Published)*

zz-Jesse, R. R. (2011). *Graniteville Bank*. Epodia. <http://www.epodia.org/epodia/>

*Book Review (Published)*

zz-Jesse, R. R. (1979). "Principles of Operations Research for Management" by Frank S. Budnick, Richard Mojena and Thomas E. Vollmann (4th ed., vol. 9, pp. 153-154). *Interfaces*. <http://www.jstor.org/stable/25059792>