EFIM30013: Advanced Management Science



Anderson, David R., Dennis J. Sweeney, Thomas Arthur Williams, Mik Wisniewski, and Xavier Pierron. 2017. An Introduction to Management Science: Quantitative Approaches to Decision Making. Third edition. Andover: Cengage Learning EMEA.

Bala, Bilash Kanti, Fatimah Mohamed Arshad, and Kusairi Mohd Noh. 2016. System Dynamics: Modelling and Simulation. 1st ed. 2017. Singapore: Springer Verlag, Singapore.

Brailsford, Sally, Leonid Churilov, and Brian Charles Dangerfield, eds. 2014. Discrete-Event Simulation and System Dynamics for Management Decision Making. Vol. Wiley series in operations research and management science. Chichester, West Sussex: Wiley.

Duggan, Jim. 2016. System Dynamics Modeling with R. Cham: Springer International Publishing AG.

Maani, Kambiz, and Robert Y. Cavana. 2007. Systems Thinking, System Dynamics: Managing Change and Complexity. Second edition. Rosedale, North Shore, New Zealand: Pearson Education New Zealand.

Maani, Kambiz E. 2015. Multi-Stakeholder Decision Making: Systems Approach and Cases. Singapore: World Scientific Publishing Co Pte Ltd.

Maani, Kambiz E., R. Y. Cavana, and Kambiz E. Maani. 2009. Introduction to Systems Thinking. Custom book ed. [Auckland] N.Z.: Pearson Custom Pub.

Morecroft, John D. W. 2015. Strategic Modelling and Business Dynamics: A Feedback Systems Approach. Second edition. Chichester, West Sussex: John Wiley & Sons Ltd.

Pidd, Michael. 2004. Computer Simulation in Management Science. 5th Revised edition. Chichester: John Wiley and Sons Ltd.

Robinson, Stewart. 2014. Simulation: The Practice of Model Development and Use. 2nd Revised edition. Basingstoke: Palgrave Macmillan.

Sterman, John D. 2000. Business Dynamics: Systems Thinking and Modeling for a Complex World. Boston, [Mass.]: Irwin McGraw-Hill.