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PUBLICATION LIST (Blind Refereed Full Paper Journal Publications):

- 1) Erik, Kostandyan, **A. Houshyar**, and L. Lamberson, "Time To failure For as K-Parallel R-Out-of-N System," *International Journal of Modeling & Simulation*, Vol 30, Issue 4, 2010.
- 2) D. Kamalapurka, S. Kumar and **A. Houshyar**, "Selecting A Computerized Maintenance Management System," *AMMJ*, Vol 20, No 2, pp 60-67, April 2007.
- 3) **A. Houshyar**, B. White, and B. Aller; "A Simulation **Study**: Workforce Management Strategy," *International Journal of Modelling and Simulation*, Accepted for publication Sept 2007.
- 4) D. Meade; S. Kumar, and **A. Houshyar**, "Financial Analysis of a Theoretical Lean manufacturing Implementation Using Hybrid Simulation Modeling," *Journal of Manufacturing Systems*, Vol 25, No 2, 2006.
- 5) **A. Houshyar**, "Reliability and Maintainability of Machinery and Equipment; Part 1: Accessibility and Assessing Machine Tool R&M Performance," *International Journal of Modelling and Simulation*, Vol 24, No 3, 2004.
- 6) **A. Houshyar**, "Reliability and Maintainability of Machinery and Equipment; Part 2: Benchmarking, Life-Cycle Cost, and Predictive Maintenance," *International Journal of Modelling and Simulation*, Vol 24, No 4, 2004.
- 7) **A. Houshyar** and G. Peters, "Impact of One Piece Flow on Economic Data Quality and Shop Floor Data Collection," *Journal of Academy of Business and Economics*, 2003.
- 8) S. Butt and **A. Houshyar**, "Applied Operations Scheduling and Routing," *Scientia Iranica*, Vol 9, No 3, pp 187-192, Summer 2002.
- 9) H. Garcia and **A. Houshyar**, "Discrete Event Simulation of Fuel Transfer Strategies for Defueling a Nuclear Reactor," *Simulation*, Volume 70, No 2, pp 104-118, Feb 1998.
- 10) **A. Houshyar** and V. Nuila, "Survey of Academia and Industry on Exploitation of Simulation," *International Journal of Modelling and Simulation*, Vol 18, No 1, pp 45-53, 1998.
- 11) **A. Houshyar**, "Review EXTEND Performance in Modeling a Nuclear Fuel Transfer Activity," *Simulation*, Vol 68, No 6, pp 403-412, June 1997.
- 12) **A. Houshyar** and L. Bringelson, "A Review of the Facility Planning and Human/Computer Interaction," *Int. Journal of Modelling and Simulation*, Vol 18, No 4, 1998.
- 13) **A. Houshyar** and B. White, "Comparison of Solution Procedures to the Facility Location Problem," *Journal of Computers & Industrial Engineering*, Vol 32, No 1, pp 77-87, 1997.
- 14) **A. Houshyar** and G. Imel, "Accelerated Fuel Transfer Rate at EBR-II," *Journal of Computer and Industrial Engineering*, Vol 30, No 1, pp 117-135, 1996.
- 15) G. Bahador and **A. Houshyar**, "Benchmarking the Application of Quality Function Deployment in Rapid Prototyping," *Journal of Materials Processing Technology*, Vol 61, pp. 201-206, 1996.
- 16) **A. Houshyar** and V. Nuila, "Well-Designed Simulation: A Tool for Superior Management, Part I," *International Journal of Simulation and Modelling*, Vol 14, No 3, pp 129-133, 1994.
- 17) B. White, **A. Houshyar** and S. Brown, "Forecasting Salvage and Cost of Removal," *Journal of the Society of Depreciation Professionals*, Vol 5, No 1, pp 12-20, 1993.

- 18) F. Al-Khayyal, **A. Houshyar**, and R. Markham, "Literature Survey: Current State of Knowledge in Modelling the AIDS Epidemic," *Journal of Mathematical and Computer Modelling*, Vol 18, No 7, PP 59-78, 1993.
- 19) **A. Houshyar** and B. White, "Exact Optimal Solution for Facilities Layout: Deciding which pairs of Locations should be Adjacent," *Journal of Computer & Industrial Engineering*, Vol 24, No 2, PP 177-188, 1993.
- 20) **A. Houshyar**, "A Heuristic for Locating the Facilities to Minimize the WIP Backtrack Travel..." *International Journal of Modelling & Simulation*, Vol 13, No 2, pp 82-87, 1993.
- 21) White and **A. Houshyar**, "Quality and Optimum Parameter Selection in Metal Cutting," *Journal of Computers in Industry*, Vol 20, pp 87-98, 1992.
- 22) **A. Houshyar**, "Modeling and Analysis of HIV Transmission and Screening," *International Journal of Modelling & Simulation*, Vol 12, No 3, pp 83-91, 1993.
- 23) **A. Houshyar**, "Determination of Optimal Intermediate Storage Capacity," *Journal of Computers & Industrial Engineering*, Vol 22, No 1, pp 9-18, 1992.
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- 25) **A. Houshyar**, "Single Product Multistage Production with Material Handler and Central Storage," *International Journal of Production Research*, Vol 30, No 2, pp 353-367, 1992.
- 26) **A. Houshyar**, "Screening Pregnant Women for HIV Antibody: Cost-Benefit Analysis," *AIDS & Public Policy Journal*, Vol 6, No 2, pp 100-104, 1991.
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- 28) **A. Houshyar**, "Optimal Cycle Time in a Multi-product Single Machine with Unit Load, and Storage Space Considerations," *Journal of Computers in Industry*, Vol 16, No 2, pp 197-208, 1991.
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- 33) A. Genaidy, **A. Houshyar**, and S. Asfour, "Physiologic and Psychological Responses to Static, Dynamic, and Combined Arm Tasks," *Journal of Applied Ergonomics*, Vol 21, No 1, pp 63-67, 1990.
- 34) **A. Houshyar**, "A Solution to Academia and Practitioners Concern: How Should Industrial Management be Taught," *Journal of Industrial Management*, Vol 32, No 1, pp 29-30, Jan/Feb 1990.
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- 36) **A. Houshyar**, "A Mathematical Model for Best Location of Hospitals in Rural Areas," *Iranian Journal of Science and Technology*, Vol 10, No 3, pp 121-133 1986.
- 37) **A. Houshyar**, "Planning for Construction," *Journal of Teheran Technical University*, No 46, pp 96-115, 1985.