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Fairness: Fair Allocation of Multiple Resource Typestle', in NSDI, pp. 24–24.

Kjaerulff, U. B. and Madsen, A. L. (2008) *Bayesian networks and influence diagrams*. Springer Science+ Business Media 200.

Koller, D. and Milch, B. (2003) 'Multi-agent influence diagrams for representing and solving games', *Games and Economic Behavior*. Academic Press, 45(1), pp. 181–221. doi: 10.1016/S0899-8256(02)00544-4.

Lepse, J. L. (2013) What to Buy: the Underexplored Dimension of the Smart-buyer Problem. Virginia Polytechnic Institute and State University.

Nair, A., Jayaram, J. and Das, A. (2015) 'Strategic purchasing participation, supplier selection, supplier evaluation and purchasing performance', *International Journal of Production Research*, 53(20), pp. 6263–6278. doi: 10.1080/00207543.2015.1047983.

Shachter, R. D. (1986) 'Evaluating Influence Diagrams', Operations Research, 34(6), pp. 871–882.

Tatman, J. A. and Shachter, R. D. (1990) 'Dynamic programming and influence diagrams', *IEEE Transactions on Systems, Man, and Cybernetics*, 20(2), pp. 365–379. doi: 10.1109/21.52548.

Ubeda, R., Alsua, C. and Carrasco, N. (2015) 'Purchasing models and organizational performance: A study of key strategic tools', *Journal of Business Research*. Elsevier Inc., 68(2), pp. 177–188. doi: 10.1016/j.jbusres.2014.09.026. Waldron, B. D. (2008) *Scope for improvement: A survey of pressure points in Australian construction and infrastructure projects*.

Wang, W. P. (2010) 'A fuzzy linguistic computing approach to supplier evaluation', *Applied Mathematical Modelling*. Elsevier Inc., 34(10), pp. 3130–3141. doi: 10.1016/j.apm.2010.02.002.

Zhou, L., Lü, K. and Liu, W. (2013) 'Game theory-based influence diagrams', *Expert Systems*, 30(4), pp. 341–351. doi: 10.1111/j.1468-0394.2012.00639.x.

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