



Thought Leadership

Numerica's technical team has a twenty-year history of sustained innovation, and consistently strives for, and achieves, technical excellence during contract performance.

Tracking Algorithms

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A. B. Poore, S. M. Gadaleta, "Group assignment problem," Proceedings of the SPIE, Conference on Signal and Data Processing of Small Targets, Vol. 5204, pp. 595-607, Aug 2003.

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S. Danford, B. Kragel, A. B. Poore, "Joint MAP bias estimation and data association: algorithms," Proceedings of the SPIE, Conference on Signal and Data Processing of Small Targets, Vol. 6699, pp. 69915-1-14, Aug 2007.

S.M. Herman, A.B. Poore, "Nonlinear least-squares estimation for sensor and navigation biases," Proceedings of the SPIE Conference on Signal and Data Processing of Small Targets, Vol. 6236, pp. 62317-1-18, May 2006.

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Radar Signal Processing

B.J. Slocumb, D.L. Macumber, "Surveillance Radar Range-Bearing Centroid Processing: Part II, Merged Measurements," Proceedings of the SPIE Conference on Signal and Data Processing of Small Targets, Vol. 6236, pp. 623604-1-12, May 2006.

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E. K. P. Chong and B. E. Brewington, "Decentralized rate control for tracking and surveillance networks," Ad Hoc Networks, special issue on Recent Advances in Wireless Sensor Networks, to appear.

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