List of publications

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This list contains papers that are published or accepted for publication.

Peer reviewed journal papers


Peer reviewed book chapters


Peer reviewed conference papers


[C87] Andreas Svensson, Thomas B. Schön and Manon Kok, Nonlinear state space smoothing using the conditional particle filter. In *Proceedings of the 17th IFAC Symposium on System Identification (SYSID)*, Beijing, China, October 2015.


[C82] Manon Kok, Johan Dahlin, Thomas B. Schön, and Adrian Wills, Newton-based maximum likelihood estimation in nonlinear state space models. In *Proceedings of the 17th IFAC Symposium on System Identification (SYSID)*, Beijing, China, October 2015.


Soren Henriksen, Adrian Wills, Thomas B. Schön and Brett Ninness, Parallel implementation of particle MCMC methods on a GPU. In *Proceedings of the 16th IFAC Symposium on System Identification (SYSID)*, Brussels, Belgium, July 2012.


Zoran Sjanic, Martin A. Skoglund, Thomas B. Schön and Fredrik Gustafsson, A nonlinear least-squares approach to the SLAM problem. In *Proceedings of the 18th World Congress of the International Federation of Automatic Control (IFAC)*, Milan, Italy, August-September 2011.


[C28] Thomas B. Schön and Jacob Roll, Ego-motion and indirect road geometry estimation using night vision. In *Proceedings of the IEEE Intelligent Vehicle Symposium (IV)*, Xi’an, Shaanxi, China, June 2009.


Relevant national conference papers


Limited or non-peer reviewed workshop, conference papers and abstracts


[CA3] Christian A. Naesseth, Fredrik Lindsten and Thomas B. Schön. Sequential Monte Carlo to estimate the partition function of rectangular graphical models. In Second Bayesian Young Statisticians Meeting (BAYSM), Vienna, Austria, September, 2014.


Technical reports not published elsewhere


Theses

