

## Magnus Jansson – Publications

### Journal Papers:

- [1] M. C. O. Jansson, S. P. O. Ljung, M. G. Bäckström, and B. I. Wahlgren. Efficient implementation of a submodel for composite materials to be combined with the FDTD-algorithm. *IEEE Transactions on Magnetics*, 30(5):3188–3191, Sept 1994.
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- [15] I. Nygren and M. Jansson. Terrain navigation for underwater vehicles using the correlator method. *IEEE Journal of Oceanic Engineering*, 29(3):906–915, Jul. 2004.
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- [17] K. Werner and M. Jansson. Reduced rank linear regression and weighted low rank approximations. *IEEE Transactions on Signal Processing*, 54(6):2063–2075, Jun. 2006.
- [18] K. Werner and M. Jansson. Optimal utilization of signal-free samples for array processing in unknown colored noise-fields. *IEEE Transactions on Signal Processing*, 54(10):3861–3872, Oct. 2006.
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### **Books/Book Chapters**

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### **Conference papers**

- [63] M. C. O. Jansson, S. P. O. Ljung, M. G. Bäckström, and B. I. Wahlgren. Efficient implementation of a submodel for composite materials to be combined with the FDTD-algorithm. In *The 9th COMPUMAG conference on the computation of electromagnetic fields*, Miami, Florida, 1993.
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