X-ray optics in new instruments

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Summary

This is the summary/abstract

Resumé

På dansk ...

Preface

This thesis was prepared at Informatics Mathematical Modelling, the Technical University of Denmark in partial fulfillment of the requirements for acquiring the Ph.D. degree in engineering.

The thesis deals with different aspects of mathematical modeling of systems using data and partial knowledge about the structure of the systems. The main focus is on extensions of non-parametric methods, but also stochastic differential equations and neural networks are considered.

The thesis consists of a summary report and a collection of ten research papers written during the period 1996–1999, and elsewhere published.

Lyngby, December 1999

Henrik Aalborg Nielsen

Papers included in the thesis

[A] Henrik Aalborg Nielsen, Torben Skov Nielsen, Alfred Karsten Joensen, Henrik Madsen, and Jan Holst. Tracking time-varying coefficient-functions. *Int. J. of Adaptive Control and Signal Processing*, 1999. Preliminary accepted for publication.

Acknowledgements

I thank my...

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Appendix A

Tracking time-varying coefficient-functions

Preliminary accepted for publication in *Int. J. of Adaptive Control and Signal Processing*. A version with more details is available as IMM technical report number 1999-9.