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ASYMPTOTICS IN DECONVOLUTION MODELS

-APPROXIMATING PERFECT KNOWLEDGE-

STEFANIE DONAUER

About the cover:

The cover design is inspired by the title of this work. The image on the front cover illustrates from bottom to top the fact that we are examining the situation where the number of observations tends to infinity, the *asymptotics*. Hereby, we see observations as information related to the dark blue stickmen. However, in the *deconvolution model* the available observations rather correspond to the shifted light blue ones, and are therefore indirect.

THOMAS STIELTJES INSTITUTE
FOR MATHEMATICS



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in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de faculteit der Exacte Wetenschappen
op woensdag 18 maart 2009 om 13.45 uur
in de aula van de universiteit,
De Boelelaan 1105

door

STEFANIE DONAUER

geboren te Hannover, Duitsland

promotoren: prof.dr. P. Groeneboom
prof.dr.ir. G. Jongbloed

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