

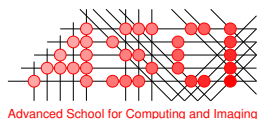
Particle Filtering Methods for Subcellular Motion Analysis

Ihor Smal

Colophon

This book was typeset by the author using $\text{\LaTeX}2_{\epsilon}$. The main body of the text was set using a 10-points Computer Modern Roman font. All graphics and images were included formatted as Encapsulated PostScript (TM Adobe Systems Incorporated). The final PostScript output was converted to Portable Document Format (PDF) and transferred to film for printing.

Cover design by the author using the Persistence of Vision Raytracer (POV-Ray 3.6), a high-quality, totally free tool for creating three-dimensional graphics. The graphics on the cover symbolically represents some of the constituents of the Bayesian estimation framework: measurements (fluorescence microscopy images), a posterior probability density function approximated by a set of “particles”, estimated tracks and randomness (symbolized by dices).



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