
List of chapters

<i>List of illustrations</i>	xv
1 Introduction	1
2 Basic tail and concentration bounds	21
3 Concentration of measure	58
4 Uniform laws of large numbers	98
5 Metric entropy and its uses	121
6 Random matrices and covariance estimation	159
7 Sparse linear models in high dimensions	194
8 Principal component analysis in high dimensions	236
9 Decomposability and restricted strong convexity	259
10 Matrix estimation with rank constraints	312
11 Graphical models for high-dimensional data	347
12 Reproducing kernel Hilbert spaces	383
13 Nonparametric least squares	416
14 Localization and uniform laws	453
15 Minimax lower bounds	485
<i>References</i>	524
<i>Subject index</i>	540
<i>Author index</i>	548

