



# Analysis (Graduate Studies in Mathematics)

By Elliott H. Lieb, Michael Loss

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a new chapter on eigenvalues that covers the min-max principle, semi-classical approximation, coherent states, Lieb-Thirring inequalities, and more

extensive additions to chapters covering Sobolev Inequalities, including the Nash and Log Sobolev inequalities

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solving.

About the authors: Elliott Lieb is Professor of Mathematics and Physics at Princeton University and is a member of the US, Austrian, and Danish Academies of Science. He is also the recipient of several prizes including the 1988 AMS/SIAM Birkhoff Prize. Michael Loss is Professor of Mathematics at the Georgia Institute of Technology.

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