

Mathematical Techniques: Solutions Manual

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This manual contains all answers and solutions of the end-of-chapter problems in

Mathematical Techniques (3rd edition: 2003 reprint): by D W Jordan & P Smith, Oxford University Press, 2002, ISBN 0 19 924972 5.

The solutions are grouped by the chapters within the seven parts of the book: each part is self-contained on the website. Every effort has been made to check the answers and solutions but in a project which contains the working through and typesetting of solutions to over 3000 problems, it will be surprising if there are not some errors and misprints. The authors would be grateful for any corrections, and for any comments which might improve the problems and their solutions. The solutions can be freely used or downloaded from this website but the authors would be grateful for acknowledgement where substantial use is made of the material.

Part I: Elementary methods, differentiation, complex numbers

Part II: Matrix algebra and vectors

Part III: Integration and differential equations

Part IV: Transforms and Fourier series

Part V: Multivariable calculus

Part VI: Discrete mathematics

Part VII: Probability and statistics