

Teaching, supervision and administrative roles

Dmitry V. Strunin

Students supervised:

- 2010-present (Principal Supervisor): Fadhel Mohammed, PhD in progress
- 2010-present (Principal Supervisor): Mayada Mohammed, PhD in progress
- 2007-09 (Associate Supervisor): Bryan Essien, PhD completed
- 2007: Dian Georgiev, Postdoctoral Research Associate
- 2009: Rajeev Bhanot: Masters completed
- 2004: Peter Schouten (3rd-year), Science Project SCI3301 completed

Administrative roles:

- 2009-present: Committee member of CESRC (Computational Engineering and Science Research Center), USQ
- 2009: Discipline Coordinator (Mathematics and Statistics), Dept. of Mathematics and Computing, USQ
- 2007-2008: Undergraduate Coordinator (Mathematics and Statistics), Dept. of Mathematics and Computing, USQ
- 2007-2008: member of Academic Programs Committee, Faculty of Sciences, USQ
- 2007-2008: member of Board of Examiners, Faculty of Sciences, USQ

Course examiner:

MAT1500 Engineering Mathematics 1 (Semester 1-2009)
MAT2500 Engineering Mathematics 3 (S2-2009,10)
MAT2100 Algebra and Calculus 2 (S2-2004,05,06,07,08,09,10)
MAT8180/8190 Mathematics/Statistics Complementary Studies (S1-2009,10)
SCI9000/9002 Master of Science Dissertation (Mathematics) (S1-2009,10)
MAT3105 Harmony of Partial Differential Equations (S1-2004,06,08,10)
MAT1102 Algebra and Calculus 1 (S3-2007)
MAT3104 Random Processes to Financial Mathematics (S2-2003)

All courses taught:

University of Southern Queensland:

MAT1500 Engineering Mathematics 1 (S1-2009)
MAT2500 Engineering Mathematics 3 (S2-2009,10)
MAT8180/8190 Mathematics/Statistics Complementary Studies (S1-2009,10)
SCI9000/9002 Master of Science Dissertation (Mathematics) (S1-2009,10)
MAT3105 Harmony of Partial Differential Equations (S1-2004,06,08,10)
MAT3103 Mathematical Modelling for Dynamics (S1-2005)
MAT3104 Random Processes to Financial Mathematics (S2-2003)
MAT3102 Advanced Engineering Mathematics (S2-2003)
MAT1100 Foundation Mathematics (S1,S2-2003,04,05; S1-2008)
MAT2100 (64613) Algebra and Calculus 2 (S2-2002,03,04,05,06,07,08,09,10)
MAT1101 (64611) Discrete Mathematics for Computing (S1-2002,03)
MAT1102 (64612) Algebra and Calculus 1 (S1-2002, S3-2007)
MAT3100 (64639) Advanced Mathematics (S2-2002)
MAT2102 (64628) Vector Calculus and PDEs (S2-2002)
CSC2403 (64623) Numerical Computing
MAT2101 (64627) Applied Mathematics
University of Wollongong:
M111 Applied Mathematical Modelling
M202 Differential Equations

Courses developed:

- D. Strunin (editor) *MAT2500 / MAT2100, Engineering Mathematics 3 / Algebra and Calculus 2, Study Book*, Department of Mathematics and Computing, Faculty of Sciences, The University of Southern Queensland, 2009.

- A. Roberts, W. Spunde, D. Strunin, S. Suslov, O. Yevdokimov, *MAT2100, Algebra and Calculus 2, Study Book*, Department of Mathematics and Computing, Faculty of Sciences, The University of Southern Queensland, 2008.
- A. Roberts, P. Cretchley, D. Strunin, *MAT3104, Random Processes to Financial Mathematics, Study Book*, Department of Mathematics and Computing, Faculty of Sciences, The University of Southern Queensland, 2003, 281 p.
- A. Roberts, D. Mander, T. Passmore, D. Strunin, S. Suslov, *MAT3105 Harmony of Partial Differential Equations, Study Book*, Department of Mathematics and Computing, Faculty of Sciences, The University of Southern Queensland, 2003, 148 p.