

Curriculum Vitae

Dr. Glen Dale Pearson Jr.
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Education

Southern Methodist University, Dallas, TX
Ph.D. degree in Computational and Applied Mathematics (2014)

Texas Tech University, Lubbock, TX
M.S. degree in Mathematics (2010)

Texas Tech University, Lubbock, TX
B.A. degree in Mathematics (2008)

South Plains College, Levelland, TX
A.S. degree (2012)

South Plains College, Levelland, TX
A.A.S. degree in Electronics Technology (2004)

Teaching Experience

Math tutor at Southern Methodist University (2011 - 2014)

Teaching Assistant at Southern Methodist University (2010 - 2014)

- MATH 1303 Precalculus for Business: Fall 2010
- MATH 3315/CSE 3365 Introduction to Scientific Computing: Spring 2011 - Fall 2012, Fall 2013
- MATH 3353 Introduction to Linear Algebra: Fall 2012 - Spring 2013

Upward Bound instructor in Mathematics (2010)

Graduate part time instructor at Texas Tech University (2008 - 2010)

- MATH 0301 Essential Mathematics: Fall 2008
- MATH 1331 Introductory Mathematical Analysis II: Spring 2009, Spring 2010
- MATH 1321 Trigonometry: Summer 2009

- MATH 1330 Introductory Mathematical Analysis I: Fall 2009

Teaching Assistant at Texas Tech University (2008)

- MATH 3430 Computational Techniques for Science and Mathematics: Summer 2008

Math tutor at Texas Tech University (2006 - 2008)

Supplemental Instructor at South Plains College (2006)

- MATH 1314 College Algebra

Math tutor at South Plains College (2003 - 2006)

Publications and Papers

G. Pearson Jr., R. Iyer, and S. Mathews, "An interpolation method for rigid contact lenses", published in the International Journal of Numerical Analysis and Modeling, Series B.

Sheng Xu, Dale Pearson, "The immersed interface method with triangular mesh of an interface", in preparation to be submitted to the Journal of Numerical Mathematics: Theory, Methods and Applications.