Ih-Ren Lan
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Education

Ph.D. Mathematics, Oregon State University, Corvallis, Oregon, USA, 1999
M. A. Mathematics, Indiana University, Bloomington, Indiana, USA, 1991
B. S. Mathematics, Tamkang University, Taipei, Taiwan, Republic of China, 1982

Experience

Houston Community College, Houston, TX (since January 2019)
Mathematics Instructor, teach Plane Trigonometry, Elementary Statistical Methods, College Algebra, Calculus for Business and Social Sciences

San Jacinto College South, Houston, TX (since August 2015)
Mathematics Instructor, teach College Algebra, Elementary Statistics, Pre-Calculus, Finite Mathematics, Calculus III

Veritas DGC/CGG, Houston, TX (August 2001 to April 2015)
Seismic Imager, Processed seismic survey data through computer programs designed to solve complex mathematics problems (such as PDEs), so the resultant subsurface images would be accurate enough for oil company to decide where or whether to drill; wrote scripts in Perl to help processing flows run more efficiently and accurately.

Saint Cloud State University, Saint Cloud, MN (September 1999 to July 2001)
Assistant Professor, taught Technical Mathematics (Trigonometry and Vectors) for aviation program training pilots, College Algebra, and Mathematical Thinking. Serve on the Oversight Committee of Math 193.
Attended the Inverse Problems Seminar of Pacific Northwest at the University of Washington, Seattle, May 1999.

Linn Benton Community College, Albany, OR (August 1998 to June 1999)
Instructor, taught Trigonometry, Intermediate Algebra, and College Algebra

Oregon State University, Corvallis, OR (October 1991 to December 1998)
Instructor, had taught Vector Calculus nine times since 1993. Received letter of recognition by the chair of Mathematics Department for strong student evaluation during the 1996-97 academic year. Joined the team incorporating Mathematica, Maple, Latex2e, and GNN software to set up webpage study guide.

Indiana University, Bloomington, IN (August 1987 to May 1991)
Associate Instructor, taught undergraduate recitation classes and graded undergraduate and graduate homework. Worked as a course coordinator for College Algebra.
President of Chinese Student Association at IU Bloomington (April 1988 to March 1989)
Help orient new students coming to study at IU from Taiwan and coordinate activities for the Chinese Student Association.

Academia Sinica, Taipei, Taiwan, Republic of China (July 1984 to June 1986)
Assistant Researcher, conducted research on problems of univalent functions, related inequalities and studied topics in mathematical physics.

Publication

[1] David Finch, Ih-Ren Lan, Gunther Uhlmann, *Microlocal Analysis of the X-Ray Transform with Sources on a Curve,* Inside Out, Inverse Problems and Applications, MSRI, Vol. 47 (2003), 193-218

[2] Ming-Po Chen, Ih-Ren Lan, *On certain inequalities for some regular functions defined on the unit disc,* Bulletin of Australian Mathematical Society, Vol. 35, No. 3 (1987), 387-396

[3] Ming-Po Chen, Ih-Ren Lan, *On α-Convex Functions of Order β,* Tamkang Journal of Mathematics, Vol. 18, No. 3 (1987), 109-112

[4] Ming-Po Chen, Ih-Ren Lan, *On α-Convex Functions of Order β of Ruscheweyh Type,* Internat. J. Math. & Math. Sci. Vol. 12, No. 1 (1989) 107-112