

The 88th Annual Meeting of the Texas Section of the MAA

Faculty Contributed Paper Sessions								
Time	Session I <i>Project NEiT</i>	Session II <i>Mathematics Education: Pedagogy Issues</i>	Session III <i>Mathematics Education: Technology</i>	Session IV <i>Mathematics Education: Calculus, Modeling</i>	Session V <i>Mathematics Education: Undergraduate</i>	Session VI <i>Analysis</i>	Session VII <i>Number Theory, Graph Theory, Topology, Algebra</i>	Session VIII <i>Miscellaneous</i>
2:30 – 2:45	Exploring what makes developmental students different from traditional students in their later coursework H. Smith Risser	Functions, how well are they understood? Firooz Khosraviyani		Known' Yer Limit Dr. Franklin Kemp	Using "Technically Speaking" Videos to Help Students Prepare Talks M. Jean McKemie	Matrix Differential Equations Dr. Laurene V. Fausett	The 1089 puzzle in base ten generalized for base b Dr. John F. Lamb, Jr.	Euler's Solutions to the Basel Problem Andrew Potter
2:50 – 3:05	Labelings of Directed Graphs Alison Marr	Mix It Up: Uncoupling Probability/Statistics and Geometry/Measurement Dr. Selina Vasquez-Mireles	DIY Multimedia for Calculus, etc. Dr. Randy Combs	Correctin' De Vision Dr. Franklin Kemp	LPS Theory: A Vehicle for Mathematical Metamorphosis Charles Coppin	Modeling the Height of Rain Drops Frank Mathis	From Observations to Questions in Introductory Topology to Answers Dr. Charles Dorsett	Mean Stuff Elsie M. Campbell, Dionne T. Bailey
3:10 – 3:25	ROC Curves to Measure the Quality of the Decisions in Cricket Ananda Bandulasiri	Assessing Elementary Mathematics Preservice Teachers' Knowledge of Number and Operation Eileen Durand Faulkenberry	Some Tips for Evaluating Student Work on The Geometer's Sketchpad Vince Schielack	Taylor's theorem with remainder: the elusive "c" is not so elusive Rick Kreminski	A BEAUTIFUL MIND - An Interdisciplinary Course with a Writing Requirement Dr. Ben T. Rhodes	A Look at Latent Semantic Analysis David A. Huckaby	Combining Public and Private Key Cryptography Dr. Richard Winton	THE MATH BEHIND A ROLL-CALL VOTE Dr. Chen-Han Sung
3:30 – 3:45	Developing Spatial Skills: Constructing Two-Dimensional Nets of three-dimensional Shapes using Technology Samuel Obara	Pre-service Elementary Teachers View the Movie FLATLAND Ben Rhodes Ricardo Teixeira	More than Multiple Choice: Math Tests on the Web Dr. Paul Feit		Using Interdisciplinary Research Projects to Enhance Undergraduate Research for Math Majors Scott R. Franklin	Eigenfunctions on a stadium associated with avoided crossings of energy levels B. Neuberger	A generalization of fixed-point-free automorphisms of Groups Gary L. Walls	Kant and Mathematics: Is there more to say to our students than Kant was a Boocotian? Stephen H. Fast
3:50 – 4:05		What To Do When a Developmental Math Program Is No More & The Evolution of Its Successor Cheryl D. Schwietzale	CLICK THE MATH Dr. Chen-Han Sung		Examination Color-Coding Versus Student Achievement in College Mathematics Courses Dr. Paul F. Messina	Global Existence to a Semilinear Heat Equation in \mathbb{R}^3 Dr. Guy Bernard	Cody Sequences and Euler's Formula for Graphs on Surfaces Dr. Eunjeong Yi	Enumerating Quota Apportionments of the United States House of Representatives Ed Oxford
4:10 – 4:25		Surviving first year full-time teaching in Developmental Mathematics Dr. Kasai Un	Demonstrating Concepts in Statistics Using R Mark W. Riggs	Using Clay Modeling to Represent Some Important Chemical Equations Dr. Jerry D. Frazee	A Tiered Exam Structure Designed to Focus Content and Challenge Students Leanne D. Holder	Extending the Fejér-Riesz Theorem Dr. Andrew J. Siefker	Separably Connected Spaces Dale Daniel	On the Consistency of Certain Deductive Systems Jason Holland
4:30 – 4:45		Supplemental Instruction from the SI Leaders' View from the Developmental Mathematics Workshop Dr. Pamela S. Webster	Disk versus Frustum Cong X. Kang	How My Mother's Sewing Machine Provided a Lesson in Geometry Dr. Jerry D. Frazee	Efforts to Improve Student Performance in Business Calculus Krish Rittby	The Rate of Convergence of Monotonic Sequences George Tintera	A Bounded Universe: the 3-Sphere Dr. Clint Richardson	