Mathworks—Building a Mathematical Community and a Research

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Abstract: This talk will begin by describing the development of Mathworks and a shared mission and vision. The goal of the first part of the talk is to lay the foundation for what Mathworks is and how it fits into the mathematics department at Texas State. This includes a description of the various projects that Mathworks is engaged in and working on, as well as a description of the capital campaign to sustain Mathworks in the future. In the second part of the talk, we will discuss various research questions and opportunities arising out of our work, and invite comments and suggestions from the audience.

Dr. Max Warshauer is the Founder and Director of Texas Mathworks. He is a Regents and Piper Professor. He worked with Dr. McCabe and Ms. Warshauer to develop the curriculum for the Junior Summer Math Camp, and teaches Number Theory in the Honors Summer Math Camp.