The University of Toledo  
Department of Mathematics  
Delta X and Pi Mu Epsilon  

present  

Professor Richard S. Varga  
Mathematics Department, Kent State University  

Wednesday evening, April 6, 2011  
7:00-9:00 pm  
FIELD HOUSE, ROOM 2100  

Undergraduate Talk:  
Remarks on the Riemann Hypothesis  
By Dr. Richard S. Varga  

Abstract. One of the famous problems in mathematics is the Riemann Hypothesis, which is about the location of the zeros of the Riemann-Zeta function. The Riemann Hypothesis relates to many areas of mathematics. There are a very large number of equivalent formulations of the Riemann Hypothesis. Richard Varga has been interested in those formulations which involve high-precision calculations on modern computers, and, while the Riemann Hypothesis has not been solved as yet, he will discuss progress on some of these aspects.