

1047-32-33

**Malgorzata Aneta Marciniak\*** (mammw3@mst.edu), Mathematics and Statistics Department,  
Rolla Building, 400 W. 12th St., Rolla, 65401. *Holomorphic Extensions in Toric Varieties.*

A combinatorial structure associated with a toric variety enables one to formulate an approach to various analytic problems. During my talk I will present some affirmative and negative results of holomorphic extension problems in smooth toric varieties with dimension 2. (Received December 09, 2008)