



YMC 2006



Young Mathematicians Conference 2006
August 4th-6th at The Ohio State University.

THE FUNDAMENTAL THEOREM OF TROPICAL ALGEBRA

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Abstract of Report Talk: Tropical Algebra is a new, relatively unexplored subject in algebraic geometry. We give an elementary proof of the *Fundamental Theorem of Algebra* for polynomials over the rational tropical semi-ring. We prove that, tropically, the rational numbers are algebraically closed. We provide a simple algorithm for factoring tropical polynomials of a single variable.[GN13173737]

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Received: July 21, 2006