

**Meeting:** 1002, Pittsburgh, Pennsylvania, SS 2A, Special Session on Convexity and Combinatorics

1002-51-9            **Boris V. Dekster\*** (bdekster@mta.ca), Mathematics and Computer Science, Mount Allison University, 67 York St., Sackville, New Brunsw E4L 1E6, Canada. *An angle in Minkowski space.*

A new angular measure in Minkowski space is introduced. It is defined for a cone of any dimension, is additive and invariant under affine transformations. For the dimension 2, it has a clear interpretation as an "amount of rotation" from one direction to another one. (Received May 15, 2004)