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Christian Haesemeyer*, Dept. of Mathematics, UCLA, Los Angeles, CA 90095, and **Guillermo Cortinas, Mark E Walker** and **Charles A. Weibel**. *On the K -theory of toric varieties.*

We present computations of the (algebraic) K -theory of singular toric varieties. The arguments needed are algebraic-geometric, combinatorial and homotopy theoretic. At the core lie some calculations of cyclic nerves of monoids, building on work by Hesselholt and Madsen. (Received September 15, 2009)