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**J. Seiler\*** ([seiler@ifam.uni-hannover.de](mailto:seiler@ifam.uni-hannover.de)), University of Hannover, Department for Applied Mathematics, Welfengarten 1, 30161 Hannover, Germany.  *$H_\infty$ -calculus for differential operators on conic manifolds with boundary.*

I want to describe conditions that ensure that realizations (subject to homogeneous differential boundary conditions) of elliptic differential operators on manifolds with conical singularity possess a bounded  $H_\infty$ -calculus. (Received February 03, 2006)