JAPANESE JOURNAL
OF MATHEMATICS
SINCE 1924

Mori dream spaces⋆

James MᶜKernan

Abstract. We explore the circle of ideas connecting finite generation of the Cox ring, Mori dream spaces and invariant theory.

J. MᶜKERNAN
Department of Mathematics, MIT, 77 Massachusetts Avenue, Cambridge, MA 02139, USA and Department of Mathematics, University of California at Santa Barbara, Santa Barbara, CA 93106, USA
(e-mail: mckernan@math.mit.edu, mckernan@math.ucsb.edu)