

1104-14-76

**Martí Lahoz Vialta** ([marti.lahoz@imj-prg.fr](mailto:marti.lahoz@imj-prg.fr)), Bâtiment Sophie-Germain. Case 7012, 75205 Paris, France, **Zhi Jiang** ([zhi.jiang@math.u-psud.fr](mailto:zhi.jiang@math.u-psud.fr)), Bâtiment 425, 91405 Orsay, France, and **Sofia Tirabassi\*** ([sofia@math.utha.edu](mailto:sofia@math.utha.edu)), 155 South 1400 East, JWB 233, Salt Lake City, UT 84112. *Varieties with Euler Characteristic 1.*

We study the geometry of varieties of maximal Albanese dimension with Euler characteristic equal to 1. On one hand we give a characterization of product of theta-divisors. On the other hand we present a complete classification when such varieties have irregularity  $2 \dim X - 1$  extending to higher dimension results of Hacon–Pardini. (Received August 20, 2014)