

ON THE SEPARATION OF TROPICALLY CONVEX SETS

FRANCISCO SANTOS, LUIS FELIPE TABERA, AND THORSTEN THEOBALD

ABSTRACT. We present the problem of separating convex bodies in tropical geometry. Unlike the classical case, a tropical hyperplane in dimension n is able to separate up to $n + 1$ convex bodies. We discuss how to solve sector-separation and introduce the problem of halfspace-separation.

Departamento de Matemáticas, Universidad de Cantabria, 39071, Santander, Spain
E-mail address: `taberalf@unican.es`

Departamento de Matemáticas, Universidad de Cantabria, 39071, Santander, Spain
E-mail address: `santosf@unican.es`

Institut für Mathematik, Goethe-Universität, D-60325 Frankfurt am Main, Germany
E-mail address: `theobald@math.uni-frankfurt.de`

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