

Rolf Schneider (University of Freiburg, Germany)

Title: A spherical analogue of the Blaschke-Santaló inequality.

Abstract: Let K be a spherically convex body in the sphere S^n , and let K^* be its spherical polar body. If K has given (positive) volume, then the volume of K^* is maximal if and only if K is a ball (in S^n).