Yuliy Baryshnikov, Stephen Melczer and Robin Pemantle\* (pemantle@math.upenn.edu), 209 South 33rd Street, Philadelphia, PA 19104, and Armin Straub. Extracting coefficients of symmetric rational functions.

ACSV finds asymptotics for coefficients of multivariate rational generating functions. The procedure is usually automatic once the geometry can be established that locates the dominant singularity. We show how the difficulty of locating this singularity can be greatly reduced in the case where the generating function is symmetric. (Received September 11, 2018)