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Robin Pemantle* (pemantle@math.upenn.edu), Department of Mathematics, 209 South 33rd Street, Philadelphia, PA 19096. *Generating functions: converting algebraic information into asymptotic estimates*. Preliminary report.

For univariate generating functions, f , there is a standard collection of techniques for converting information about f near its singularities to asymptotic information about its coefficients. For a large class of multivariate generating functions there is now also technology to do this. I will discuss the scope of this program. (Received August 03, 2006)