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**Robin Pemantle\*** ([pemantle@math.upenn.edu](mailto: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)