Generating Functions for Effective Field Theory Operators LAN-
DON LEHMAN, ADAM MARTIN, University of Notre Dame — The Hilbert se-
ries technique provides a robust way to calculate effective field theory operators,
especially in situations where more traditional methods become computationally in-
tractable. This technique will be explained, and recent work extending the method
to include derivatives and calculate the dimension-8 operators in the Standard Model
Effective Field Theory (SMEFT) will be reviewed.

Landon Lehman
University of Notre Dame