

1096-14-1040      **Andrew Sommese\*** ([sommese@nd.edu](mailto:sommese@nd.edu)), Dept. of Appl. & Comp. Math & Stats., University of Notre Dame, Notre Dame, IN 46556. *Numerical algebraic geometry over number fields.*

I will present some work of Wenrui Hao, Chris Peterson, and myself on how to recover exact information about an algebraic set defined over a number field from the output of the adaptive precision algorithms of numerical algebraic geometry. (Received September 12, 2013)