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**Luis Finotti\*** ([finotti@math.utk.edu](mailto:finotti@math.utk.edu)), 1403 Circle Drive, Dept. of Mathematics, University of Tennessee, Knoxville, TN 37996. *Liftings of Elliptic and Hyperelliptic Curves.*

We will discuss computations with canonical liftings of elliptic curves, including the problem of lifting  $j$ -invariants, and relations with minimal degree liftings of hyperelliptic curves. (Received September 18, 2012)