1007-32-251   **Gabriela Putinar*** (`gputinar@math.ucsb.edu`), Mathematics Department, University of
California, Santa Barbara, CA. *Finite jet determination of biholomorphisms.*

We prove that for real-analytic hypersurfaces in C^N, finite jet determination for biholomorphisms holds under certain assumptions on the geometry of M. In the finite type case, we extend from $N = 2$ to arbitrary N some recent results on 2-jet determination. (Received February 24, 2005)