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UMR 6085 CNRS, B.P. 12, Avenue de l'université, 76801 St Etienne Rouvray, France. *Finite jet
determination of CR mappings.*

We describe some recent results concerning the finite jet determination of local CR mappings sending real-analytic generic submanifolds in complex space into each other. As an application, we derive a new boundary version of H. Cartan's uniqueness theorem for proper holomorphic mappings between bounded domains with smooth real-analytic boundaries. This is a joint work with Bernhard Lamel. (Received December 18, 2005)