

1040-32-44

**Nordine MIR\*** ([nordine.mir@univ-rouen.fr](mailto:nordine.mir@univ-rouen.fr)), Universit de Rouen, LMRS, UMR 6085 CNRS, Avenue de l'universit, BP 12, 76801 St Etienne du Rouvra, France. *Global automorphism group of CR manifolds.*

Given a CR manifold, we will discuss when its group of global automorphisms possesses a Lie group structure (with an appropriate topology). We will in particular explain some tools recently developed by a number of authors to study this question and providing a positive answer for quite large classes of CR manifolds. (Received January 13, 2008)