1043-14-19   **Jean-Philippe Furter*** (`jpfurter@univ-lr.fr`), Dpt. of Math., Univ. of La Rochelle, av. Crepeau, 17000 La Rochelle, France. *The variety of plane polynomial automorphisms.*

According to Shafarevich, the group of (plane) polynomial automorphisms is naturally an infinite dimensional algebraic variety. We will study some related properties and especially the stratification given by the multidegree. (Received July 01, 2008)