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Daciberg Lima Gonçalves* (dlgoncal@ime.usp.br), IME-USP Rua do Matao 1010-Butanta, 05508-090 Sao Paulo, Sao Paulo, Brazil, and **Peter Wong** and **Felshtyn**. *Twisted classes for some torsion free groups.*

Let G be a group and ϕ an automorphism. We consider the question when the group has the property such that for any automorphism ϕ the number of twisted classes (or Reidemeister class) is infinity. We will discuss this problem for the class of groups which are extension of two free groups. If time allows we also discuss this problem for some finitely generated Nilpotent group. Finally we will point out the relations with fixed point theory. (Received February 01, 2006)