1056-35-984   **Gisèle MOPHOU*** (`gmophou@univ-ag.fr`), Université des Antilles et de la Guyane, Département de Maths-Info, Campus de Fouillole, 97122 Pointe-à-Pitre, Guadeloupe. *Existence and uniqueness of mild solutions to impulsive fractional differential equations.*

This paper is concerned with the existence and uniqueness of mild solution to an impulsive fractional semilinear differential equations. The results are obtained by means of fixed point methods. We also give an example of such problems. (Received September 19, 2009)