1023-08-1896 **Chuang Peng*** (`cpeng@morehouse.edu`), Department of Mathematics, Morehouse College, Atlanta, GA 30314. *Addition Theorems of Fuzzy Integers of Linear Triangular Types.* Preliminary report.

This paper contains some preliminary work on the additive properties of fuzzy integers, in particular, the Cauchy-Davenport inequality, for fuzzy integers of linear triangular types. It proves that in fact the Cauchy-Davenport inequality holds for fuzzy numbers of linear triangular types. (Received September 27, 2006)