

1014-Z1-315

Zokhrab Mustafaev* (zmustafaev@ithaca.edu), 1212 Williams Hall, Department of Mathematics, Ithaca College, Ithaca, NY 14850. *On the length and area of the unit disc in normed planes*. Preliminary report.

Various definitions of area are possible in normed planes. We discuss the ratio of the length of the unit 'circle' to its 'area', when the word area stands for the Holmes-Thompson definition and mass definition. (Received September 08, 2005)