1109-37-210   **Mrinal K Roychowdhury*** (`roychowdhurymk@utpa.edu`), 1201 West University Drive, Edinburg, TX 78539, and **Nina Snigireva** (`nina.snigireva@ucd.ie`), School of Mathematical Sciences, University College Dublin, Belfield, Dublin 4, Ireland. *Quantization dimension and fractal dimensions.*

Quantization dimension measures the speed at which the specified measure of the error, when a continuous probability measure is approximated by a probability measure with finite support containing n points, tends to zero as n tends to infinity. Recently, it has been shown that with respect to geometric mean error the quantization dimension of a probability measure has a relationship with some other dimensions of the measure. My talk will be about it. (Received February 01, 2015)