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Mrinal K Roychowdhury*, 1201 West University Drive, Edinburg, TX 78539. *Quantization and Quantization Dimension.*

Quantization for probability distributions refers to the idea of estimating a given probability by a discrete probability supported by a set with no more than n points. It has broad application in signal processing and data compression. Quantization dimension gives the speed how fast the specified measure of the error goes to zero as n approaches to infinity. I will talk about it. (Received January 07, 2019)