

1135-VT-832 **Lakshmi Roychowdhury*** (lakshmi.roychowdhury@utrgv.edu), 1201 West University Drive,
University of Texas Rio Grande Valley, Edinburg, TX. *Quantization in Statistics.*

Quantization is a nonlinear, zero-memory operation of converting a continuous signal into a discrete signal that assumes only a finite number of levels. It has broad application in engineering technology such as signal processing and data compression. I will talk about the quantization for some probability distributions. (Received September 15, 2017)