Dr. Carlos Galindo
Data Analysis, Programming and Modeling

- **Research Interests**
  - Text mining
  - Data analytics
  - Modeling of physical and biological systems

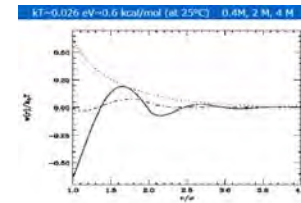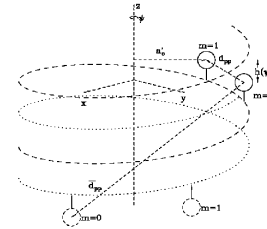- **Teaching Experience and Training**
  - Applied mathematical and computational methods
  - Machine learning and programming
  - Statistical physics

- **Software Development Projects**
  - Simulator for the compensation and settlement operations in the Mexican security market
  - Expert system for classification of payment proposals in the past due liability recovery process
  - Production scheduling of the assembly line for automotive harnesses

- **Contact Information**
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$$\frac{\delta S}{S} = \sigma \delta X + \mu \delta t,$$

$$\frac{S_{n+1}}{S_n} = (\sigma \delta X_{n+1} + \mu(t_{n+1} - t_n)) + 1$$

$$\frac{S_{n+1}}{S_0} = \prod_{k=0}^{n} \frac{S_{k+1}}{S_k}$$

$$ec1 := \frac{d}{dt}\, palomas(t) = (1 - halcones(t))\, palomas(t)$$

$$ec2 := \frac{d}{dt}\, halcones(t) = (palomas(t) - 1)\, halcones(t)$$

$$con1 := palomas(0) = 4$$

$$con2 := halcones(0) = 2$$

$$\langle H_T \rangle = -\sum p_T [p_{\circ|T} \log_2(p_{\circ|T}) + p_{\bullet|T} \log_2(p_{\bullet|T})]$$