

1056-49-1724 **Ana-Maria Croicu*** (acroicu@kennesaw.edu), 1000 Chastain Rd., Kennesaw, GA 30144. *A Non-Stochastic Talk on Stochastic Optimization / Control.*

Problems of optimality / control under uncertainty or stochastic optimization / control problems occur frequently in real world situations, in science, engineering, technology, etc. Generally, these problems are governed by models which have probabilistic parameters, nondeterministic initial conditions, uncertain input situations, or by models based on incomplete knowledge. The aim of the talk is to make the audience aware of possible ways to approach real-life stochastic optimization / control problems. (Received September 22, 2009)