A Variational Approach to Stochastic Problems H.R. HUGHES

NECKERS 156 | TIME: 3:00P RECEPTION IMMEDIATELY FOLLOWING IN THE MATH LIBRARY.

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ABSTRACT www.math.siu.edu facebook.com/siucmath

A relationship between optimal control and calculus of variations problems is exploited to investigate variational formulations of several stochastic problems, including Brownian bridge and the stochastic linear regulator problem. Computational approaches are presented.

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