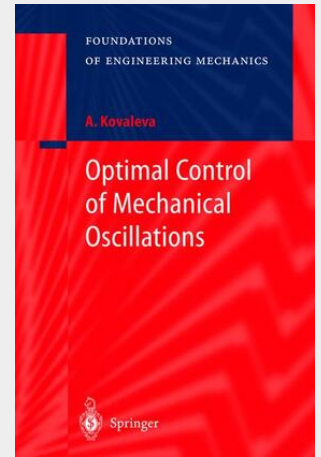


Kovaleva

Optimal Control of Mechanical Oscillations

This book deals with two aspects of the optimal control of oscillatory systems: the initiation of optimal oscillatory regimes and possibilities of the control for random disturbances. The main content of the book is based on some assertions of the optimal control theory and the disturbance theory. Informations necessary for the understanding are given in the appendix. All the theoretical propositions are illustrated by examples with exact mechanical context. Since the book mainly contains mathematical foundations, applications are not limited to the given examples.

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