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17 z It is inevitable that model inaccuracy exists due to sensor noises, neglected higher order dynamics and nonlinearities, hence it is essential that a feedback control system must be able to handle model inaccuracy/uncertainty in terms of robust stability and robust performance. z Uncertainty/model inaccuracy can be estimated from the Bode ...

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Feedback Control of Dynamic Systems Yves Briere yves.briere@isae.fr. I. Introduction. 9/23/2009 I. Introduction 3 Introduction ... Basic idea is to enhance open loop control with feedback control This seemingly idea is tremendously powerfull Feedback is a key idea in control Open loop Controller Input reference Input Process Output

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1 Eric R. Westervelt, Jessy W. Grizzle, Christine Chevallereau, Jun Ho Choi, and Benjamin Morris Feedback Control of Dynamic Bipedal Robot Locomotion

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(a) Compare the formula for the period, $T = 2\sqrt{l/g}$ with the well known formula for the period of a point mass hanging with a string with length l .

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