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Control System Design: Principles and Case

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FEEDBACK EXAMPLES 5. dynamics in the system (parameter errors, unmodeled effects, etc). The algorithm that computes the control action as a function of the sensor values is often called a control law. The system can be influenced externally by an operator who introduces command signals to the system.

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Feedback Control of Dynamic Systems. Yves Briere yves.briere@isae.fr I. Introduction Introduction • Aim of the course – Give a general overview of classical and modern control theory – Give a general overview of modern control tools

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Feedback Control of Dynamic Systems, Sixth Edition is perfect for practicing control engineers who wish to maintain their skills. This revision of a top-selling textbook on feedback control with the associated web site, FPE6e.com, provides greater instructor flexibility and student readability.

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PID feedback control. The field of control theory can be divided into two branches: Linear control theory – This applies to systems made of devices which obey the superposition principle, which means roughly that the output is proportional to the input. They are governed by linear differential equations.

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