

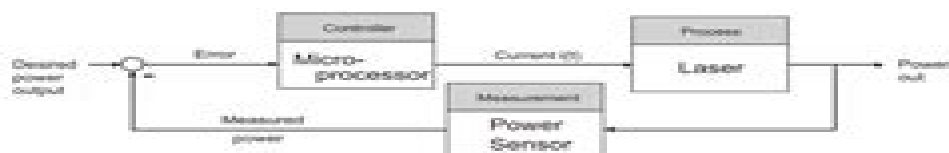
CHAPTER 1

Introduction to Control Systems

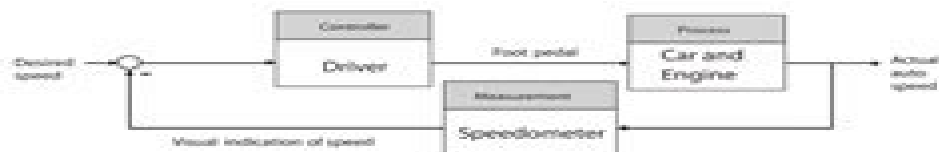
There are, in general, no unique solutions to the following exercises and problems. Other equally valid block diagrams may be submitted by the student.

Exercises

E1.1 A microprocessor controlled laser system:



E1.2 A driver controlled cruise control system:



E1.3 Although the principle of conservation of momentum explains much of the process of fly-casting, there does not exist a comprehensive scientific explanation of how a fly-fisher uses the small backward and forward motion of the fly rod to cast an almost weightless fly lure long distances (the

Modern Control Systems Solutions Manual 12th

LL Leslie



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traumatic brain injury tbi happens when a sudden external physical assault damages the brain it is one of the most common
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