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Fundamentals of Digital Systems 3. Write the Boolean expression. Implement the circuit from Boolean expression. 1.1 INTRODUCTION. A gate can be used alone to perform a logic function. 1.2 BASIC LOGIC GATES. The basic gates are NOT, AND, OR, XOR, XNOR, NAND & NOR. 1.2.1 Inverter / NOT gate. The ...

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Fig. 2 Self-regulating controlled system, step response/transfer function Fig. 2 shows a self-regulating controlled system in which a new steady-state condition results upon an abrupt change in the input variable. This state is reached when the input to the system equals its output. Controlled systems which are not self-regulating are also of

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