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2.4.6. Minimal systems; 2.4.7. Transmission poles and zeros at infinity;
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 2.5.2. Impulse and step responses; 2.5.3. Proper, biproper and strictly proper systems; 2.5.4. Frequency response; 2.6. Diagrams and their algebra; 2.6.1. Diagram of a control system; 2.6.2. General algebra of diagrams; 2.6.3. Specificity of linear systems; 2.7. Exercises; Chapter 3. Open-Loop Systems; 3.1. Stability and static gain; 3.1.1. Stability; 3.1.2. Static gain
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 4.2.9. *Extension to the MIMO case

Sommario/riassunto

Linear systems have all the necessary elements (modeling, identification, analysis and control), from an educational point of view, to help us understand the discipline of automation and apply it efficiently. This book is progressive and organized in such a way that different levels of readership are possible. It is addressed both to beginners and those with a good understanding of automation wishing to enhance their knowledge on the subject. The theory is rigorously developed and illustrated by numerous examples which can be reproduced with the help of appropriate computation software. 60 exe
