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6.3 Recursivity and Focusing6.4 Problem-Solving Framework for PCB Quality; 6.5 Forward and Backward Search; 6.6 Interactions: Dissociation-Integration; 6.7 EDOE Basic Steps; 6.7.1 Problem Statement; 6.7.2 Propose the Preliminary Problem-Solving Framework; 6.7.3 Select the DOE Matrices; 6.7.4 Run Center Design; 6.7.5 Analyze Results; 6.7.6 Run Multiple Forward and Backward Steps; 6.7.7 Perform Dissociation-Integration Experiments; 6.7.8 Establish the New Center Design; 6.7.9 Repeat the Testing Procedure from the New Center Design; 6.7.10 Run Simulations: Analyze the Solutions of the Problem
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Sommario/riassunto

Adopting a groundbreaking approach, the highly regarded author shows how to design methods for planning increasingly complex experiments. He begins with a brief introduction to standard quality methods and the technology in standard electric circuits. The book then gives numerous examples of how to apply the proposed methodology in a series of real-life case studies. Although these case studies are taken from the printed circuit board industry, the methods are equally applicable to other fields of engineering.