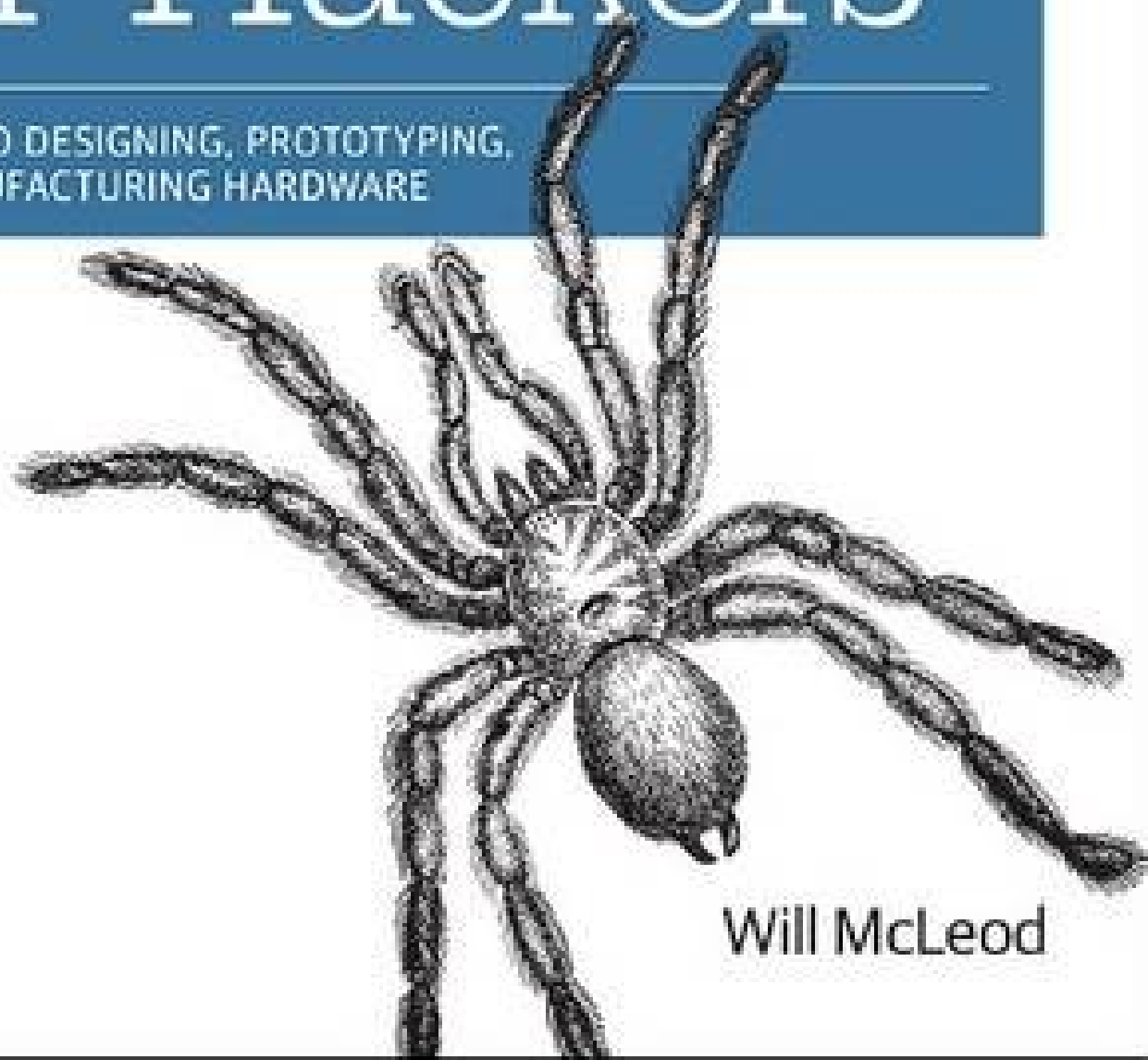


O'REILLY™

Mechanical Engineering for Hackers

A GUIDE TO DESIGNING, PROTOTYPING,
AND MANUFACTURING HARDWARE



Will McLeod

Resumo de Mechanical Engineering for Hackers: A Guide to Designing, Prototyping, and Manufacturing Hardware

With this practical book, developers and entrepreneurs will learn to prototype basic consumer products, select appropriate materials and processes for volume manufacture, and reverse-engineer existing products to understand the design decisions behind them. Mechanical Engineering for Hackers covers the product development process, from discovery, benchmarking, and ideation, to design, prototyping, pilot production, and volume manufacturing.

By focusing on practical application of concepts, rather than abstract theory, you'll learn the basics of material science, solid mechanics, and other key mechanical engineering principles along the way. This book is ideal for software developers, technology entrepreneurs, and others with a technical background. Gain a practical understanding of material science, solid mechanics, high-volume manufacturing techniques, and prototyping. Learn the product development process, from discovery, benchmarking, and ideation, to design, prototyping, pilot production, and volume manufacturing. Get tips and tricks from industry veterans. Learn from an engineer, inventor, and entrepreneur with years of experience designing products and founding companies.

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