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Packed with illustrations and practical examples, *Guide to Methodology in Ergonomics: Designing for Human Use, Second Edition* provides a concise introduction to ergonomics methods in a straightforward manner that helps you conduct an ergonomics analysis of a product in development. It details the execution of 12 ergonomics methods that can be applied to the design of any type of product or interface. The authors stress the role of ergonomics in reducing device interaction time and user error while improving user satisfaction and device usability.

See What's in the New Edition:

- Four case studies
- Addition of another co-author
- Examples that reflect current technology
- Information on Critical Path Analysis (CPA)

The authors highlight where ergonomics methods fit in the design process and how to select a method appropriate for your purpose. They describe each method, supplying an overview, instructions on how to carry out an analysis, a mini bibliography, pros and cons, one or more examples, and a flow chart. They then rate each method for reliability/validity, resources, usability, and efficacy. The book then examines data from studies on training, reliability, and validity, and presents an equation that enables you to calculate approximately the financial benefits of using each method.

Based on research and expertise, the book gives you the freedom to be adventurous when choosing methods and the foundation to choose the method that fits the task at hand. Written by experts, it also helps you hone your skills and put the craft of ergonomics into practice.