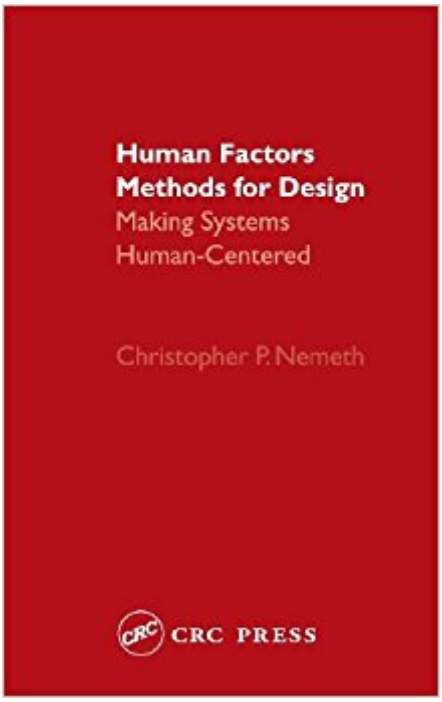
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Human Factors Methods For Design: Making Systems Human-Centered



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Synopsis

There is no shortage of available human factors information, but until now there was no single guide on how to use this information. Human Factors Methods for Design: Making Systems Human-Centered is an in-depth field guide to solving human factors challenges in the development process. It provides design and human factors professionals, systems engineers, and research and development managers with the orientation, process, and methods to perform human-centered research. The book delivers an overview of human factors and the application of research to product and service development. It enables the reader to define a design opportunity, develop product goals, and establish criteria to meet those goals. The text offers a road map for collecting and analyzing human performance information, applying that information to the creation of solutions, and using the information to evaluate potential solutions. The book demonstrates, in three sections, a way to design products that extend, amplify, and enhance human capabilities. Human Factors Practice explains research context including the operational environment and internal and external influences. Human Factors Methods explains how to perform a wide variety of procedures for human-oriented research and development. Application demonstrates how to put the results to use.

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"The approach [in this book] is always lucid and concise, with additional background references, and the methods are illuminated with examples of their use in practice. It is a genuinely useful guide to conducting user-oriented research for design." -Design Research Society Newsletter, Vol. 10, No.

1, January 2005

Christopher Nemeth who is a Consultant in Human Factors and Design in the USA.

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