
» The APA Handbook of Human Systems Integration is a practical tool for both students and professionals who need specific knowledge about human considerations in systems design. It is intended to sensitize readers to basic design issues, enhance their understanding of the influence of these issues, and guide them in appropriately combining human performance with a system's numerous interacting components. A central tenet of this book is that it is not sufficient to examine items independently — one must go beyond a focus on individual workers, tools, tasks, or environments. Thus, the handbook is a "how to" resource that reflects the state-of-the-art on work in this enterprise. The book's opening chapters define what is meant by human systems integration, provide a historical overview of the field, and describe a set of case studies to which many chapter authors apply their expertise. Succeeding chapters reflect on the physical, physiological, perceptual, cognitive, and organizational considerations that affect human systems performance and discuss how the knowledge base of the field has been applied in various domains. « [Verlagstext]