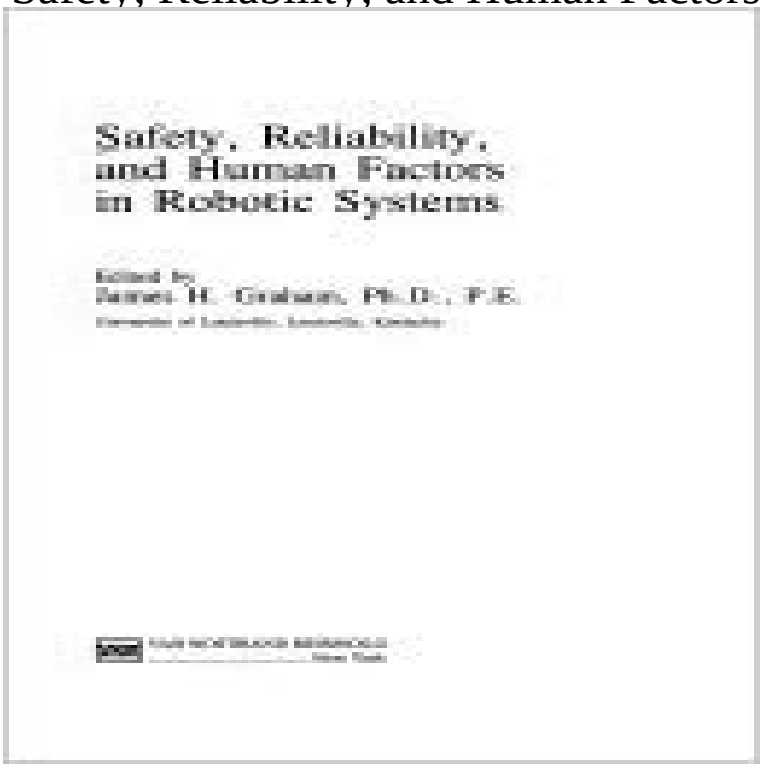
# Safety, Reliability, and Human Factors in Robotic Systems




As robots find application beyond assembly lines, interaction between robots and humans will increase, and safety will become a critical consideration. This volume discusses current robot safety issues and the multidisciplinary R&D being carried out to address future needs in this area. Experts in robotic safety and operation systems address differences between robotics and industrial ergonomics, factors to consider in planning for a new robot installation, ANSI/RIA Robot Safety Standards, and technological developments in robotics that affect safety. Designing robots that are safe from a human factors point of view is the unifying theme throughout. This book should be of interest to safety engineers; electrical engineers; ergonomists; plant managers; mechanical engineers; industrial engineers.

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