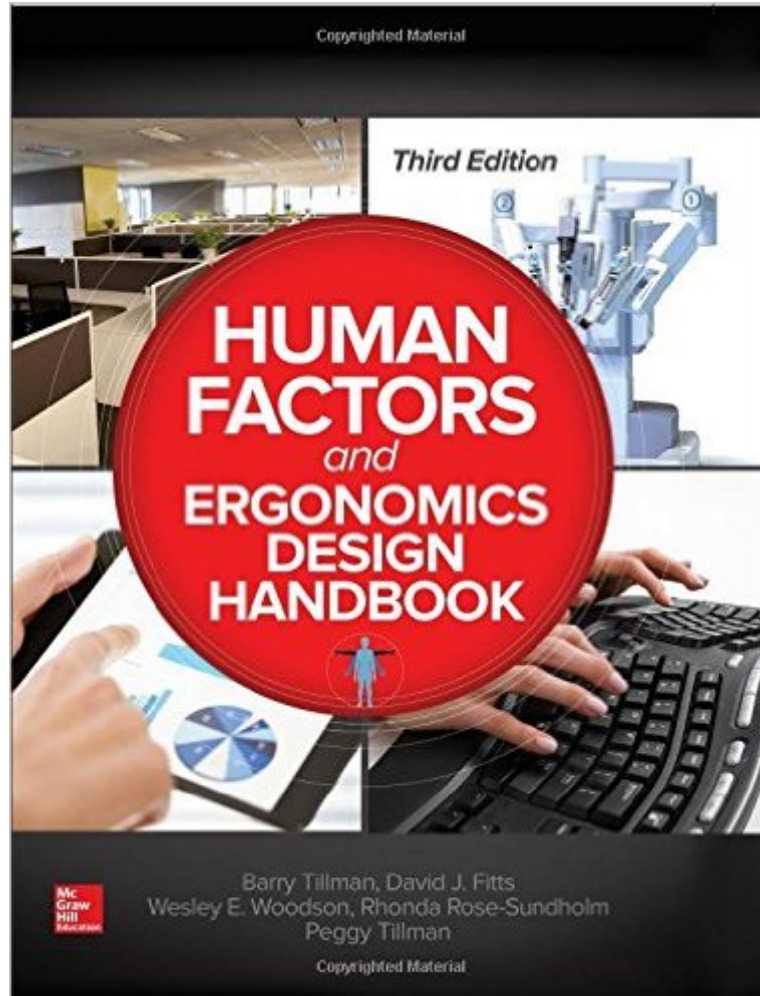


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# Human Factors And Ergonomics Design Handbook, Third Edition



## Synopsis

Master the art of user-centric planning and design — This thoroughly revised guide offers complete coverage of the latest trends and advances in ergonomics and psychology and lays out practical applications for today's designers. Written by a team of experts, Human Factors and Ergonomics Design Handbook, Third Edition, shows how to maximize functionality while reducing injuries and minimizing the impact on physical and psychological health. The ubiquitous use of smartphones, tablets, and other high-tech equipment is discussed in full detail. New chapters explain medical systems, robotics, handheld devices, cognitive workload, and the motion environment. Inside, you'll find human-friendly design techniques for:

- Architecture, transportation, and industrial systems
- Military, space, communications, agriculture, and consumer product systems
- Doors, windows, hatches, and equipment closures
- Parking, walkways, hallways, catwalks, and sidewalks
- Ramps, stairs, elevators, escalators, and moving walkways
- Bathrooms, restrooms, locker rooms, bedrooms, and berthing subsystems
- Kitchens, galleys, dining rooms, and food service facilities
- Offices, auditoriums, theaters, sports facilities, and special workplaces
- Lighting and sound systems, furniture, and appliances
- Visual and auditory displays, computer controls, fasteners, and tools

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