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Nota di contenuto	pt. 1. Concerns -- pt. 2. Integration -- pt. 3. Application.
Sommario/riassunto	Safety suffers from the variety of methods and models that are used to assess human performance. For example, operation is concerned primarily with human error, while design deals with aligning the system to workload or situational awareness, and the gap between the two disassociates safety assessment from design. As a result, system design creates constraints for the operator working at the sharp-end, which will inevitably lead to human error. Accidents and incidents across all industries have demonstrated the safety significance of this gap. Cognition and Safety provides an integrated view of cognitive human issues to better enhance safety. It combines operational with design-related concepts of cognitive performance to provide an approach for safely managing cognitive issues throughout the lifecycle of a system, from operational to senior management levels. The book will be of direct interest to operational managers, designers, training specialists, safety managers and operational staff dealing with human factors and safety issues; scientists in the area of safety, ergonomics and human factors; regulators dealing with safety and human factors, and practitioners in the field of human reliability.

