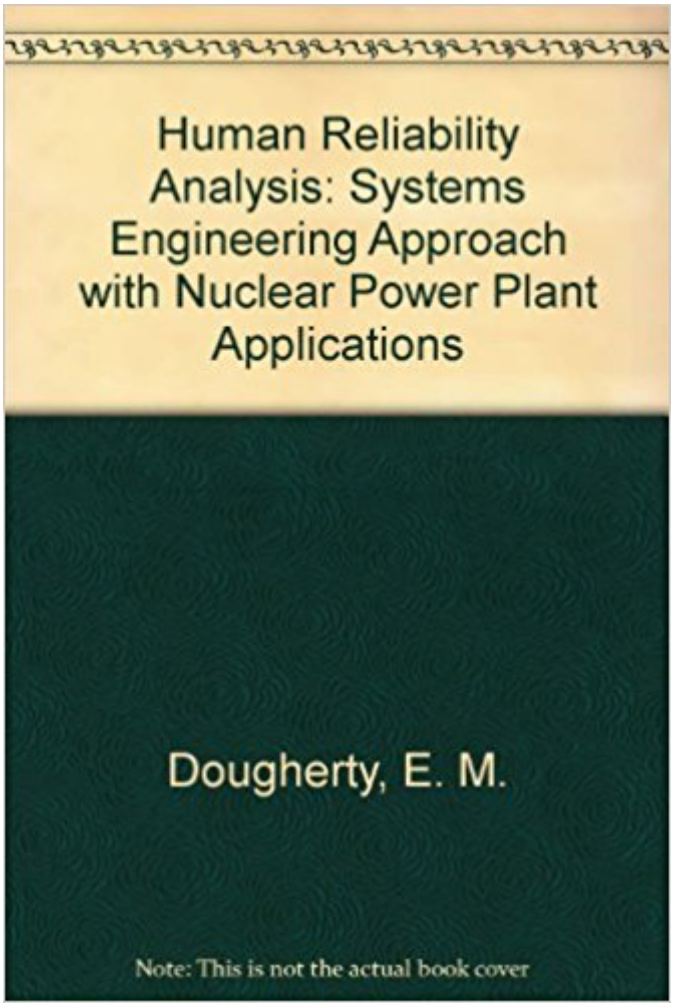
Human Reliability Analysis: A Systems Engineering Approach With Nuclear Power Plant Applications



Synopsis

A comprehensive, one-volume treatment of human reliability analysis--incorporating an introduction to probabilistic risk assessment for nuclear power generating stations--and the first work to treat the subject according to the framework established for general systems theory. Draws upon reliability analysis, psychology, human factors engineering, and statistics, integrating elements of these fields within a systems framework. Provides the uninitiated reader with a history of human reliability analysis, and includes actual examples of the application of the systems approach.

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