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Altri autori (Persone)	SimpsonKenneth G. L
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Note generali	"Previously published as: Functional safety : a straightforward guide to applying IEC 61508 and related standards."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. A. The concept of safety integrity targets -- pt. B. Specific industry sectors -- pt. C. Case studies in the form of exercises and examples.
Sommario/riassunto	Electrical, electronic and programmable electronic systems increasingly carry out safety functions to guard workers and the public against injury or death and the environment against pollution. The international functional safety standard IEC 61508 was revised in 2010, and this is the first comprehensive guide available to the revised standard. As functional safety is applicable to many industries, this book will have a wide readership beyond the chemical and process sector, including oil and gas, power generation, nuclear, aircraft, and automotive industries, plus project, instrume