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Titolo	Lifts and Escalators : A user manual / / by Dieter Unger
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Descrizione fisica	1 online resource (261 pages)
Disciplina	621.877
Soggetti	Facility management Machinery Architecture Buildings Facility Management Machinery and Machine Elements Building Types and Functions
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Historical facts about lifts -- Standards and guidelines for lifts -- Structural engineering basics -- Lift types -- Well installation components -- Drives -- Electrical controls and control modes -- Car and panels -- Doors -- Overspeed governor -- Car frame and safety gear -- Suspension means -- Brakes -- Interaction of the lift components -- Remote alarm and rescue service -- Maintenance/quality measurement on lifts -- Lift systems during life time -- Traffic Calculation -- Accidents at lift systems -- Modernization of lift systems -- Planning of lift systems -- Building Management System -- Environmental Considerations -- Decommissioning of lift systems -- Historical facts about escalators -- Codes and standards for escalators -- Escalator components -- Escalator types and their mode of operation -- Documentation of escalators -- Escalator during lifetime -- Pictures of damage -- Maintenance of escalators -- Modernization of escalators -- Planning of escalators -- Traffic calculation of escalators -- Building Management System -- Avoiding accidents -- Decommissioning of

escalators.

Sommario/riassunto

This book offers everyone who plans, builds or operates lifts and escalators a comprehensive overview of the important topics: starting with the standards and technical rules through to the history of technology. Planning, operation, maintenance and documentation of lifts and escalators are described. Numerous meaningful color illustrations complement the text. The book serves as a reference work for operators of lifts and escalators. The many examples, tips and advice from practice make it a helpful companion in daily work. The content: Historical facts about lifts - Standards and guidelines for lifts - Structural engineering basics - Lift types - Well installation components - Drives - Electrical controls and control modes - Car and panels - Doors - Overspeed governor - Car frame and safety gear - Suspension means - Brakes - Interaction of the lift components - Remote alarm and rescue service - Maintenance/quality measurement on lifts - Lift systems during life time - Traffic Calculation - Accidents at lift systems - Modernization of lift systems - Planning of lift systems - Building Management System - Environmental Considerations - Decommissioning of lift systems - Historical facts about escalators - Codes and standards for escalators - Escalator components - Escalator types and their mode of operation - Documentation of escalators - Escalator during lifetime - Pictures of damage - Maintenance of escalators - Modernization of escalators - Planning of escalators - Traffic calculation of escalators - Building Management System - Avoiding accidents - Decommissioning of escalators. About the author: Dieter Unger is a long-standing industry expert in Germany. He gained experience in sales, planning and maintenance of lift systems from manufacturers and as head of the technology center for conveyor technology at DB Services GmbH, a subsidiary of Deutsche Bahn AG. There he was responsible for the nationwide support of lifts and escalators. Since 2015 he has been employed by the VDMA, the biggest machinery association in Europe. In this function he is active in the creation of national and international standards and guidelines.