

1. Record Nr.	UNINA9910437760803321
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Titolo	LTE-advanced relay technology and standardization // Yifei Yuan
Pubbl/distr/stampa	Heidelberg, : Springer, 2012, c2013
ISBN	1-283-62724-8 9786613939692 3-642-29676-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (196 p.)
Collana	Signals and communication technology, , 1860-4862
Disciplina	621.38456
Soggetti	Long-Term Evolution (Telecommunications) Wireless communication systems Mobile communication systems Data transmission systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- LTE-A Relay Scenarios and Evaluation Methodology -- LTE-A Relay Study and Related Technologies -- Physical Layer Standardization of Release 10 Relay -- Higher Layer Aspects and RAN4 Performance Aspects -- Implementation Aspects of Release 10 Relay -- Outlook of Relay in Future LTE Releases.
Sommario/riassunto	LTE-Advanced Relay Technology and Standardization provides a timely reference work for relay technology with the finalizing of LTE Release 10 specifications. LTE-Advanced is quickly becoming the global standard for 4G cellular communications. The relay technology, as one of the key features in LTE-Advanced, helps not only to improve the system coverage and capacity, but also to save the costs of laying wireline backhaul. As a leading researcher in the field of LTE-Advanced standards, the author provides an in-depth description of LTE-A relay technology, and explains in detail the standard specification and design principles. Readers from both academic and industrial fields can find sections of interest to them: Sections 2 & 4 could benefit researchers in academia and those who are engaged in exploratory work, while Sections 3 & 4 are more useful to engineers. Dr. Yifei Yuan is the Technical Director at the Standards Department of ZTE Inc.

