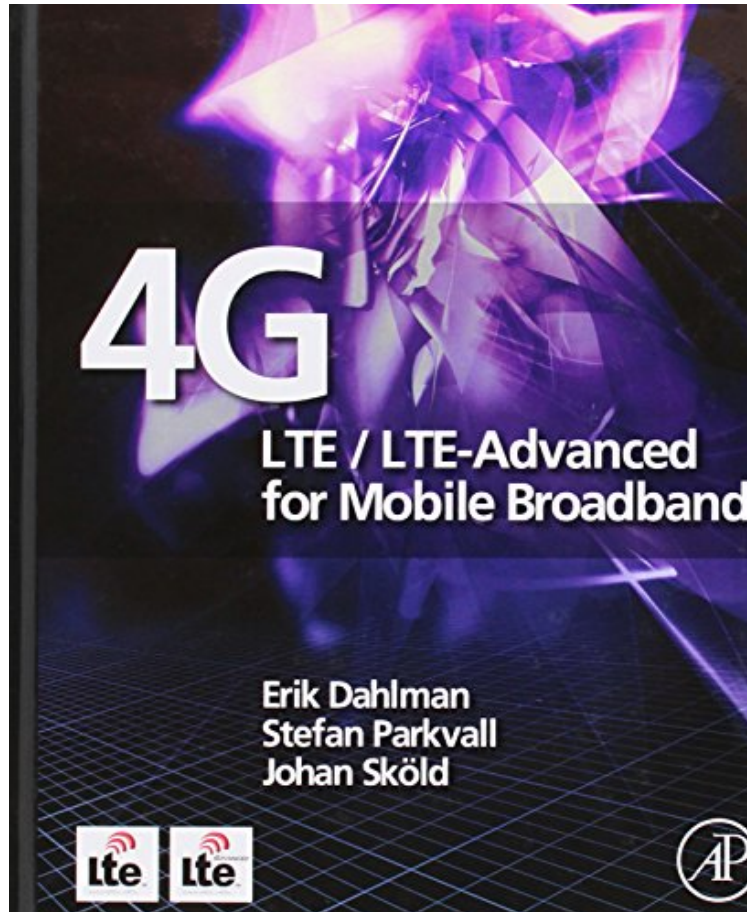


4G: LTE/LTE-Advanced for Mobile Broadband

Erik Dahlman, Stefan Parkvall, Johan Skold
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Erik Dahlman, Stefan Parkvall, Johan Skold : 4G: LTE/LTE-Advanced for Mobile Broadband before purchasing it in order to gage whether or not it would be worth my time, and all praised 4G: LTE/LTE-Advanced for Mobile Broadband:

1 of 1 people found the following review helpful. Soup to nuts overview of LTEBy Ilya GrigorikThis book strikes a delicate balance of being both a reference guide for all things LTE, as well as, an approachable read for someone curious in the topic. I fall into the latter group myself, and have found the layout, structure, and the presentation to be clear and with enough background to not let you get lost in the acronyms (of which there are plenty).In terms of topics, this book covers it all: modulation, multi-antenna techniques, link adaptation, scheduling, error recovery, as well as the architecture of all of the components to piece it together. The chapters are well organized and largely independent, which means that you can skip around to the sections of interest - the book also does a good job of cross-referencing content to help you along the way.If you're interested in LTE, then this is your book - or, at the very least, the reference book you should have on your shelf.0 of 0 people found the following review helpful. comprehensive

bookBy NPKthe authors tried to cover most of the background, but if you are very new to this topic, then you should first read some 2g and 3g books. on the whole i recommend this product. very well written, clearly illustrated and makes the subject look very easy. math is avoided most of the time. so it is good even for bed time reading. great work. 2 thumbs up.0 of 0 people found the following review helpful. Excellent work on lower protocol layersBy Martin GreenwoodBear in mind that there is not a great deal of information on the high level network architecture, relationship with interconnected networks, AAA and so on. It is, however, excellent in its treatise on physical interface implementation, along with the lower layers that do a lot fo the work, that are specific to LTE. I liked very much way that the book deals with the way that features work, as well as their implementation.

LTE (Long Term Evolution) is the 3GPP's (3rd Generation Partnership Project) new standard and accompanying technologies that mobile network operators such as ATT, Verizon and TeliaSonera are adopting for their networks. To move to higher-speed networks that can cater to customer demand for mobile broadband multimedia applications, the 3GPP has developed the latest LTE-Advanced (LTE Release 10) standard, which will be fixed in December 2010. This book focuses on LTE and LTE-Advanced, and provides engineers with real insight and understanding into the why and how of the standard and its related technologies. This book is written by engineers from Ericsson--the world's leading telecommunications supplier--who was heavily involved in the development of the standard. Follow-up to the very successful 3G Evolution, now focusing on LTE and LTE Advanced standard and its accompanying technologies Complete and clear explanation of LTE Advanced by the people who played a leading role in its development, which will enable engineers to quickly grasp the latest 3GPP Release 10 standard and implement it in their products Not a contributed book as most others on this topic are: this book gives an integrated introduction to the technologies and the standard