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Autore	Vucetic Branka
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Sommario/riassunto	"Space-Time Coding provides an introduction to the subject and its application to wireless communication systems. With the integration of Internet and multimedia applications in next generation wireless communications, the demand for wide-band high data rate communication services is growing. Space-time coding is based on introducing joint correlation in transmitted signals in both space and time domains. This volume provides an overview of design principles

and major space-time coding techniques starting from MIMO system information theory capacity bounds and channel models, while endeavouring to pave the way towards complex areas such as applications of space time codes and their performance evaluation in wide-band wireless channels."

"Written in a highly accessible format, Space-Time Coding is intended for postgraduate students, practicing engineers and researchers. The reader will have some familiarity with basic digital communications, matrix analysis and probability theory."--Jacket.
