


# Multimedia Communication Technology: Representation,Transmission and Identification of Multimedia Signals (Signals and Communication Technology)

*By Jens Ohm*

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Excellent textbook of multimedia signal processing also dealing with the optimization of multimedia communication systems. It covers the theoretical background of one- and multidimensional signal processing, statistical analysis and modelling, coding and information theory as well as estimation and classification theory.

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**Multimedia Communication Technology: Representation,Transmission and Identification of Multimedia Signals (Signals and Communication Technology) By Jens Ohm Bibliography**

- Sales Rank: #12343093 in Books
- Brand: Brand: Springer
- Published on: 2004-01-12
- Original language: English
- Number of items: 2
- Dimensions: 6.14" h x 1.81" w x 9.21" l, 3.05 pounds
- Binding: Hardcover
- 859 pages

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Review

From the reviews:

"This is the first book which develops in a unitary and modern style the representation, transmission and identification of multimedia signals. … The book has plenty of merits amongst which we quote: excellent and suggestive illustrations; up-to-date references; inclusion of a recent standard … inclusion of wavelet applications in efficient video coding. All this makes the book good for study and reference in the field of multimedia signals and systems and should be of interest to all workers and developers in the area." (Dumitru Stanomir, Zentralblatt MATH, Vol. 1060, 2005)

"This is an excellent textbook of multimedia signal processing, also dealing with the optimisation of multimedia communication systems. … Numerous practical examples are given for algorithms and design of multimedia signal compression and transmission systems, for systems performing content analysis and indexing of multimedia signals. Principles behind multimedia coding and indexing standards … are explained in detail, including the most recent developments like the new Advanced Video Coding standard and Motion-Compensated Interframe Wavelet Coding. Numerous figures and examples illustrate the concepts." (COMTEC, Issue 3, 2004)

From the Back Cover

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## Users Review

**From reader reviews:**

**Eric Beckman:**

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**Travis Mahon:**

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