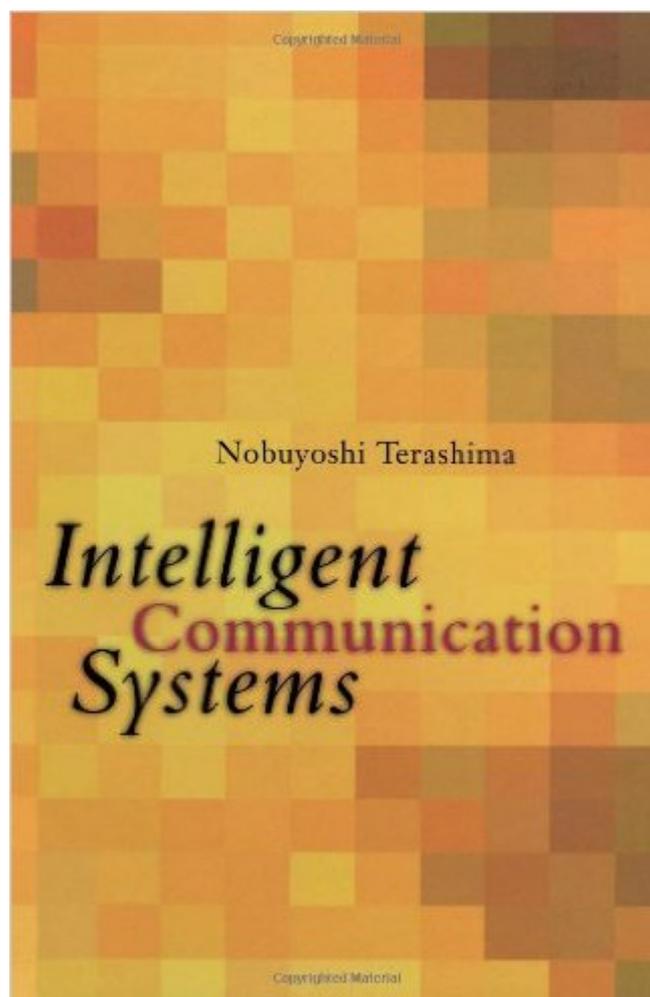


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# Intelligent Communication Systems: Toward Constructing Human Friendly Communication Environment



## Synopsis

This book offers a thorough review of research on intelligent communication systems, focusing on the applications of artificial intelligence to telecommunications that help realize user-friendly interfaces. Intelligent Communication Systems presents the direct result of more than a decade of the author's experiences, research activity, and education in applying artificial intelligence to telecommunications technology. In this book, several fundamental research areas are covered. Some of the areas covered are human-friendly interfaces for telecommunication services with such concepts as Telesensation and HyperReality, computer vision, and the telecommunication description method based on state space. In artificial intelligence research state space is the set of all attainable states of a problem and the possible alternative courses of action to determine the best solution to the problem.

## Book Information

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## Customer Reviews

This title gives a great impact how to construct communication systems in the future. As described in this book, when designing communication systems, three elements should be considered including the easy to use system description tools, the human friendly interfaces to communication systems and the communication environment. In this book, not only theories but also technologies necessary for the next generation communication systems are described concretely. Therefore it is desirable for undergraduate students and graduate students to learn about advanced topics on communication systems. At the same time, people in the business fields can obtain great suggestions when they try

to design and construct the new communication systems.

This book describes basis of communication systems, concept of intelligent communication systems, its basic theory and applications by giving concrete examples. This book describes communication systems from description method of communications systems, human friendly interfaces to communication systems and communication environment. Therefore not only system developers but also communication users will obtain great benefits by studying this book. Undergraduate and graduate students can easily understand intelligent communication systems. I believe that this book is the best one for studying next generation communication systems.

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