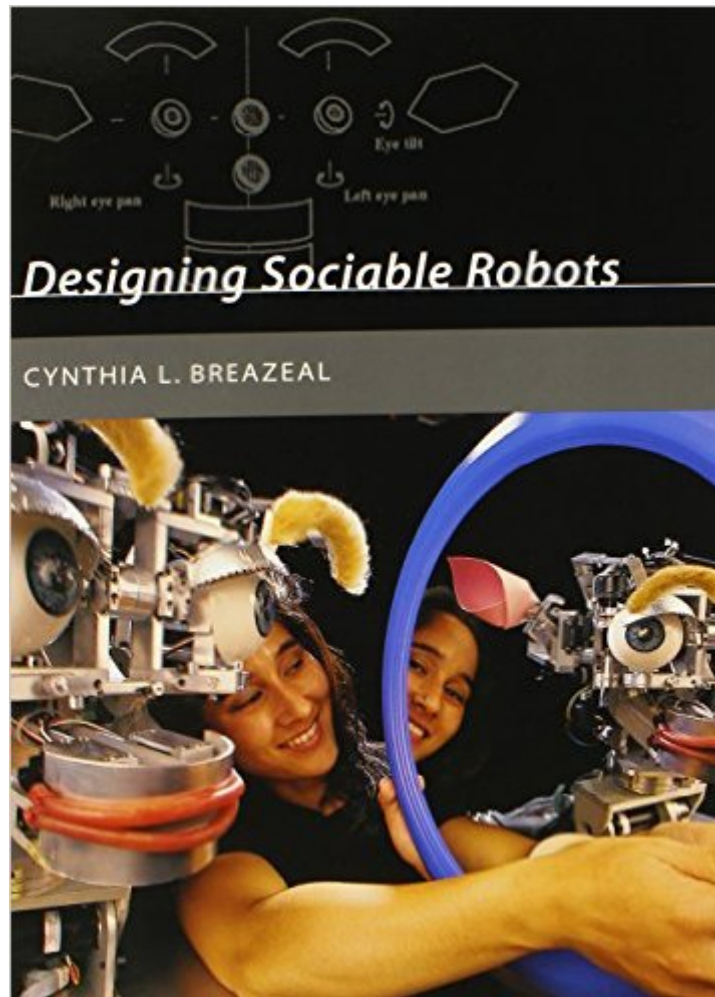# Designing Sociable Robots (Intelligent Robotics And Autonomous Agents Series)

Synopsis

Cynthia Breazeal here presents her vision of the sociable robot of the future, a synthetic creature and not merely a sophisticated tool. A sociable robot will be able to understand us, to communicate and interact with us, to learn from us and grow with us. It will be socially intelligent in a humanlike way. Eventually sociable robots will assist us in our daily lives, as collaborators and companions. Because the most successful sociable robots will share our social characteristics, the effort to make sociable robots is also a means for exploring human social intelligence and even what it means to be human.Breazeal defines the key components of social intelligence for these machines and offers a framework and set of design issues for their realization. Much of the book focuses on a nascent sociable robot she designed named Kismet. Breazeal offers a concrete implementation for Kismet, incorporating insights from the scientific study of animals and people, as well as from artistic disciplines such as classical animation. This blending of science, engineering, and art creates a lifelike quality that encourages people to treat Kismet as a social creature rather than just a machine. The book includes a CD-ROM that shows Kismet in action.

Book Information

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Average Customer Review: 4.7 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

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Customer Reviews

The book is well structured, and includes many photos and diagrams. I found it useful because I work exactly on the same topic. However, most of its content can be found elsewhere (in published articles). The accompanying CD-ROM includes very interesting videos, although I think they can

also be found elsewhere. In summary, I definitely recommend this book, but only if you are really interested in the topic and/or in Kismet, and you want to know as many details as you can.

Written by someone who has an instinct about how the future will turn out to be. I used this book to write my own futurist novel. Post Singularity London, this book helped me like several others did in the same way.

This book is a must read for anyone who is serious about the future of Robotics and how these biomechanical devices will interact with us.

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