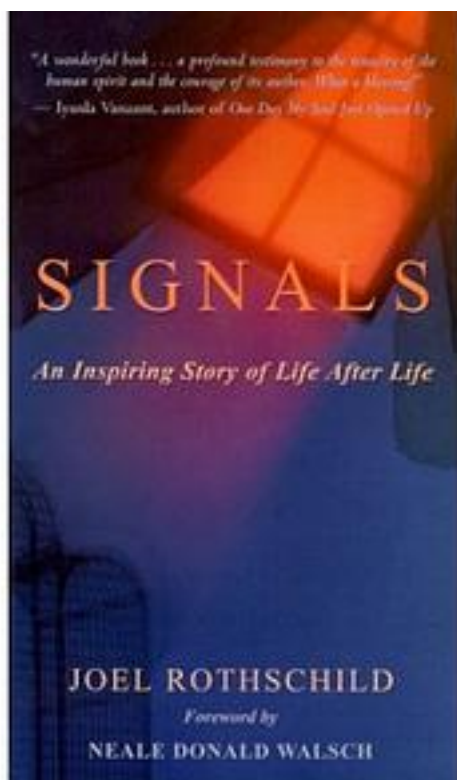# Signals

著者:Brian Skyrms

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Brian Skyrms presents a fascinating exploration of how fundamental signals are to our world. He uses a variety of tools -- theories of signaling games, information, evolution, and learning -- to investigate how meaning and communication develop. He shows how signaling games themselves evolve, and introduces a new model of learning with invention. The juxtaposition of atomic signals leads to complex signals, as the natural product of gradual process. Signals operate in networks of senders and receivers at all levels of life. Information is transmitted, but it is also processed in various ways. That is

how we think -- signals run around a very complicated signaling network. Signaling is a key ingredient in the evolution of teamwork, in the human but also in the animal world, even in micro-organisms. Communication and co-ordination of action are different aspects of the flow of information, and are both effected by signals.

作者介绍:

Brian Skyrms is a Distinguished Professor of logic and Philosophy of Science at the University of California Irvine, and Professor of Philosophy at Stanford University.

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书评

在某种程度上讲，Brian这本书算是通俗易懂。是一本很好的evolutionary game theory和signal game的入门读物。本书的讨论多集中于生物进化过程中信号的演化，而对于人类社会中信号机制的演变讨论的相对较少，此外对于某些问题的讨论不够深入，一个明显的例子就是对于deception的…

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