

Signals: Evolution, Learning, and Information | OUP Oxford, 2010 | 9780191614903 | Brian Skyrms | 208 pages | 2010

Signals: Evolution, Learn has been added to your Cart. Add to Cart. Buy Now. But it is equally important in animal societies in which males gain from transmitting incorrect messages concerning their reproductive fitness to females, who use such information to guide their choice of mates. There is a brilliant literature on this topic, based on contributions by Ronald Fisher, Michael Spence, Amos Zahavi, and Alan Grafen, but this literature is not touched upon in Skyrms' exposition. Natural dynamic processes—evolution and learning—create conventions. 2. Signals: evolution, learning, and information. re-posed as a learning question. Can signals spontaneously acquire information through naive learning in repeated interaction? The story, even at this simplified abstract level, is much richer than you might expect. At a more concrete level, there is a vast and growing scientific literature on signaling in and between cells, neurology, animal signaling, and human signaling, that we cannot hope to address here. This book introduces a new account—a new mathematical model—of learning with invention. Invention completely alters the dynamics of learning in signaling situations. Signals: Evolution, Learn has been added to your Basket. Add to Basket. Buy Now. excellent . . . deserves to be read by anyone who is interested in the origins and analysis of communication and information processing . . . an exciting book that blazes a trail towards a new understanding of communication and information processing. This book will make highly rewarding reading for philosophers, economists and biologists alike...an important addition to the literature on signalling theory, and should be widely discussed. (Armin W. Schulz, Journal of Economic Methodology). Signals opens up many projects and theoretical directions. A slogan might be offered: a theory of meaning