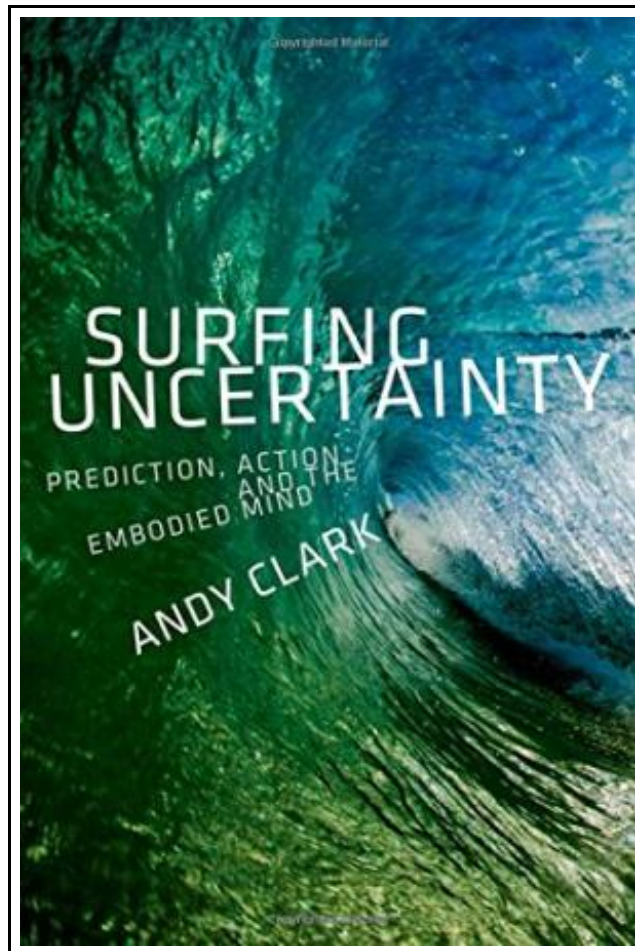


Surfing Uncertainty: Prediction, Action, and the Embodied Mind



Filesize: 3.06 MB

Reviews

It is one of the most popular pdfs. It really is full of knowledge and wisdom. It has been developed in an exceptionally easy way and it is just right after I finished reading through this publication by which it really altered me, altered the way in my opinion.

(Dr. Alexa Rogahn)

SURFING UNCERTAINTY: PREDICTION, ACTION, AND THE EMBODIED MIND

[DOWNLOAD](#)

Oxford University Press. Hardback. Book Condition: new. BRAND NEW, Surfing Uncertainty: Prediction, Action, and the Embodied Mind, Andy Clark, In this ground-breaking work, philosopher and cognitive scientist Andy Clark turns a common view of the human mind upside down. In stark opposition to familiar models of human cognition, Surfing Uncertainty explores exciting new theories in neuroscience, psychology, and artificial intelligence that reveal minds like ours to be prediction machines-devices that have evolved to anticipate the incoming streams of sensory stimulation before they arrive. This keeps minds like ours a few steps ahead of the game, poised to respond rapidly and apparently effortlessly to threats and opportunities as (and sometimes even before) they arise. Creatures thus equipped are more than simple response machines. They are knowing agents deep in the business of understanding their worlds. Such agents cope with changing and uncertain worlds by combining sensory evidence with informed prediction. Remarkably, the learning that makes neural prediction possible can itself be accomplished by the ceaseless effort to make better and better predictions. A single fundamental trick (the trick of trying to predict your own sensory inputs) thus enables learning, empowers moment-by-moment perception, and installs a rich understanding of the surrounding world. Action itself now appears in a new and revealing light. For action is not so much a 'response to an input' as a neat and efficient way of selecting the next 'input'. As mobile embodied agents we are forever intervening, actively bringing about the very streams of sensory information that our brains are simultaneously trying to predict. This binds perception and action in a delicate dance, a virtuous circle in which neural circuits animate, and are animated by, the movements of our own bodies. Some of our actions, in turn, structure the physical, social, and technological worlds around us. This...

[Read Surfing Uncertainty: Prediction, Action, and the Embodied Mind Online](#)[Download PDF Surfing Uncertainty: Prediction, Action, and the Embodied Mind](#)

You May Also Like



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Save Book »](#)



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Save Book »](#)



Accused: My Fight for Truth, Justice and the Strength to Forgive

BenBella Books. Hardback. Book Condition: new. BRAND NEW, Accused: My Fight for Truth, Justice and the Strength to Forgive, Tonya Craft, Mark Dagostino, This is the true story of a woman who prevailed against the...

[Save Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Save Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Save Book »](#)