

I will recklessly endeavor to scavenge materials from these various fields with the single aim of producing a coherent, but open-minded account of attention, or bias versus sensitivity, or how the activities of neurons allow us to decide one way or another that, with a faint echo of Hamlet in the background, something appears to be or not to be. -- from The Anatomy of Bias. In this engaging, even lyrical, book, Jan Lauwereyns examines the neural underpinnings of decision-making, using bias as his core concept rather than the more common but noncommittal terms selection and attention. Lauwereyns offers an integrative, interdisciplinary account of the structure and function of bias, which he defines as a basic brain mechanism that attaches different weights to different information sources, prioritizing some cognitive representations at the expense of others. Lauwereyns introduces the concepts of bias and sensitivity based on notions from Bayesian probability, which he translates into easily recognizable neural signatures, introduced by concrete examples from the experimental literature. He examines, among other topics, positive and negative motivations for giving priority to different sensory inputs, and looks for the neural underpinnings of racism, sexism, and other forms of familiarity bias. Lauwereyns -- a poet and essayist as well as a scientist -- connects findings and ideas in neuroscience to analogous concepts in such diverse fields as post-Lacanian psychoanalysis, literary theory, philosophy of mind, evolutionary psychology, and experimental economics. With The Anatomy of Bias, he gives readers that rarity in today's world of proliferating and ever more narrowly focused technical research papers: a work of sustained, rational thinking, elegantly expressed.

SR-71 Blackbird (General Aviation), Kant Und Seine Vorgänger (German Edition), Proceedings: Regionalization in Hydrology : Ljubljana Symposium - 1991 (Series of proceedings & reports), 30 Worksheets - Identifying Largest Number of 6 Digits: Math Practice Workbook (30 Days Math Greatest Numbers Series) (Volume 5), Experiments In Physical Chemistry, Court of practical information management (paperback), Studies in Roman History, Rainbow violett L 2016 - Agenda,

Editorial Reviews. Review. Jan Lauwereyns brings together concepts that are generally treated The Anatomy of Bias: How Neural Circuits Weigh the Options (MIT Press) - Kindle edition by Jan Lauwereyns. Download it once and read it on . Department, The MIT Press, 55 Hayward Street, Cambridge, MA The anatomy of bias: how neural circuits weigh the options/Jan Lauwereyns. p. cm. visualwalkthroughs.com: The Anatomy of Bias: How Neural Circuits Weigh the Options (The MIT Press) (English Edition) ???? : Jan Lauwereyns: Kindle???. Review: The Anatomy of Bias: How Neural Circuits Weigh the Options and the Brain: The Science of Neuroeconomics (Cambridge, MA: MIT Press) Google.

The anatomy of bias: how neural circuits weigh the options by J Lauwereyns; MIT Press, Cambridge, MA, (cloth), (paper), pages, \$, \$

Review: The Anatomy of Bias: How Neural Circuits Weigh the Options .. and the Brain: The Science of Neuroeconomics (Cambridge, MA: MIT Press). Ad. The Anatomy of Bias: How Neural Circuits Weigh the Options. Front Cover · Jan Lauwereyns. MIT Press, Aug 19, - Psychology - pages. The anatomy of bias: how neural circuits weigh the options. Jan Lauwereyns Published in in Cambridge, Mass. by MIT Press. Prelude: a double.

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