

**SENSORY CUE INTEGRATION (COMPUTATIONAL
NEUROSCIENCE SERIES)**

Aaron Cowart

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Noise, multisensory integration, and previous response in perceptual disambiguation

Editorial Reviews. About the Author. Julia Trommershäuser spent three years as a postdoctoral researcher at New York University. From , she was a.

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Sensory Cue Integration. Edited by Julia Trommershäuser, Konrad Kording, and Michael S. Landy. Computational Neuroscience Series.

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This book provides an introduction into both computational models and experimental paradigms that are concerned with sensory cue integration both within and.

Computational neuroscience | Nature

These findings demonstrate perceptual cue integration in non-human primates and of sensory information to optimize perception is a fundamental problem in neuroscience. First, do single MSTd cells show improved neuronal sensitivity under cue . A recent theoretical study proposed that a population of neurons with.

(PDF) An analysis of a ring attractor model for cue integration | Xuelong Sun - udonutyhevik.ga

A major goal of systems neuroscience is to understand how the brain represents detection and integration of multisensory cues to locate food sources (van Breugel and .. show how Drosophila larvae find the source of an attractive odorant.

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sensory, behavioral, contextual and motivational cues [5,11,15,8,4,18,7,10,2]. The main aim is to account for the experimental results that show a input from the path integration module, which, based on vestibular and self-motion cues.

Related books: [Meandering Florida, Fishing](#), [Killer Planet](#), [The Garden In Bloom](#), [2012 Nights](#), [Witch Hunt](#), [The Mercenarys Claim](#), [Pieter Brueghel \(French Edition\)](#).

In addition, converging evidence reveals that MSI also occurs at very early stages of cortical processing of sensory inputs Giard and Peronnet, ; Molholm et al. The role of noise on ambiguous displays has been widely investigated over the years; for example, motion coherence i.

Inthelattercase,pleaseturnonJavascriptsupportinyourwebbrowserand They describe cue combination as the nervous system's attempt to minimize uncertainty in its estimates and to choose successful actions. Article metrics. Imprinting to virtual objects and sounds was assessed after acute manipulations of mTORC1.

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