

## Attention And Orienting Sensory And Motivational Processes

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*Amazon.com: Attention and Orienting: Sensory and ...*

Book Description. Orienting is the gateway to attention, the first step in processing stimulus information. This volume examines these initial stages of information intake, focusing on the sensory and motivational mechanisms that determine such phenomena as stimulus selection and inhibition, habituation, pre-attentive processing, and expectancy. Psychophysiological methods are emphasized throughout.

*Attention and Orienting: Sensory and Motivational ...*

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*Attention and Orienting | Taylor & Francis Group*

Attention and Sensory Needs are Connected. Attention is a big challenge for kids. Distractions occur in the home, community, classroom, and everywhere a child goes! When attention interferes with learning, performance of functional tasks, or creates unsafe situations, it can be a real problem.

*Attention and Sensory Needs are Connected - The OT Toolbox*

In accordance with Bartlett's insight, the possibility is explored that similar principles apply to orienting of attention toward sensory input and orienting to the semantic structures used in ...

*(PDF) Orienting of Attention - ResearchGate*

Attention is the behavioral and cognitive process of selectively concentrating on a discrete aspect of information, whether considered subjective or objective, while ignoring other perceivable information. It is a state of arousal. William James (1890) wrote that "[Attention] is the taking possession by the mind, in clear and vivid form, of one out of what seem several simultaneously possible ...

*Attention - Wikipedia*

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Furthermore, dividing attention across sensory domains within memory was associated with stronger activation within the dorsomedial PPC. Thus, attentional orienting to memory flexibly recruits prefrontal and parietal regions as necessary, depending on the information used to selectively access memory representations.

*Orienting Attention to Short-Term Memory Representations ...*

The attention network test (ANT) assesses the effect of alerting and orienting cues on a visual flanker task measuring executive attention. Previous findings revealed that older adults demonstrate greater reaction times (RT) benefits when provided with visual orienting cues that offer both spatial and temporal information of an ensuing target.

*The effect of multisensory cues on attention in aging*

The ability to use one sensory modality to identify a stimulus or a pattern of stimuli already familiar through another modality. orienting system An attentional system that reacts to events in the environment.

*Chapter 6 - Sensory-Perception, Attention, and Memory ...*

Taken together, intersensory attention and temporal orienting involve spectrally overlapping

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modulations of neural activity in sensory and motor cortices. In this electroencephalography (EEG) study, we examined source localized oscillatory activity in sensory and motor cortices during a visual-tactile cuing paradigm.

## *Intersensory selective attention and temporal orienting ...*

Attentional shift (or shift of attention) occurs when directing attention to a point increases the efficiency of processing of that point and includes inhibition to decrease attentional resources to unwanted or irrelevant inputs. [page needed] Shifting of attention is needed to allocate attentional resources to more efficiently process information from a stimulus.

## *Attentional shift - Wikipedia*

In accordance with Bartlett's insight, the possibility is explored that similar principles apply to orienting of attention toward sensory input and orienting to the semantic structures used in thinking. References. Bartlett, F. C. (1932). *Remembering* Cambridge, England: Cambridge University Press.

## *Orienting of Attention - Michael I. Posner, 1980*

Perceptual attention is controlled by two orienting systems (Corbetta and Shulman, 2002; Corbetta et al., 2008). A dorsal system includes the frontal eye fields (FEF) and intraparietal cortex (IPS, SPL) and is involved in goal-directed, top-down attention to stimuli.

## *Memory: Enduring Traces of Perceptual and Reflective Attention*

This paper discusses how sensory cues capture attention to the forward path in anticipation of the FCW onset. The analysis used the naturalistic database EuroFOT to examine visual behavior with respect to two manually-coded metrics, glance location and glance eccentricity, and then related the findings to vehicle data (such as speed ...

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