

*MBS 00-04*

Awareness, Consciousness, and Visual Space

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The space we perceive in front of us is a highly organized conscious entity. This visual space (VS) is the end product of a series of processes that start from multiple glances of the surrounds. Nevertheless, VS is stable and enables ones to behave adequately in the space. The global structure of our VS and its influence on our way of thinking are discussed. Animals exhibit adequate spatial behavior, but some may have VS in the stage of awareness. Human VS may have evolved from awareness but now reached such a stage that its structure is describable in terms of a geometry. Experimental results on the geometrical structure and their interpretation according to the extended form of the Luneburg's mode are summarized.