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Reorganization of Retinotopic Maps in Visual Cortex of Adult Mammals After Retinal and Cortical Lesions; Chapter 11. The Blind Leading the Mind: Pathological Visual Completion in Hemianopia and Spatial Neglect

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Sommario/riassunto

The best example of filling-in involves the blind spot, a region of the retina devoid of photoreceptors. Remarkably, the region of visual space corresponding to the blind spot is not perceived as a dark region in space, but instead as having the same colour and texture as the surrounding background; hence the expression "filling in." While this type of perceptual completion phenomenon is common in the visual domain, it is argued by the leading scientists who contribute to this book that forms of filling-in also take place in other sensory modalities, including the auditory, somatosensory, an
