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Titolo	Early cross-modal interactions and adult human visual cortical plasticity revealed by binocular rivalry // Claudia Lunghi
Pubbl/distr/stampa	Firenze : , : Firenze University Press, , 2014
Descrizione fisica	1 online resource (170 pages) : illustrations; digital, PDF file(s)
Collana	Premio Tesi di Dottorato ; ; 38
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Soggetti	Clinical neuropsychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	In this research binocular rivalry is used as a tool to investigate different aspects of visual and multisensory perception. Several experiments presented here demonstrated that touch specically interacts with vision during binocular rivalry and that the interaction likely occurs at early stages of visual processing, probably V1 or V2. Another line of research also presented here demonstrated that human adult visual cortex retains an unexpected high degree of experience-dependent plasticity by showing that a brief period of monocular deprivation produced important perceptual consequences on the dynamics of binocular rivalry, reflecting a homeostatic plasticity. In summary, this work shows that binocular rivalry is a powerful tool to investigate different aspects of visual perception and can be used to reveal unexpected properties of early visual cortex.

2. Record Nr.	UNIORUON00074109
Titolo	Oriental software list / Compiled by Janusz Krzywicki
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Descrizione fisica	143 p. ; 21 cm
Disciplina	055.13
Soggetti	Programmazione (Informatica) - Linguaggi
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