

1.	Record Nr.	UNICAMPANIAVAN00267726
	Autore	Beals, Richard
	Titolo	Advanced mathematical analysis : periodic functions and distributions, complex analysis, Laplace transform and applications / R. Beals
	Pubbl/distr/stampa	New York, : Springer, 1973
	Descrizione fisica	X, 230 p. ; 24 cm
	Soggetti	30-XX - Functions of a complex variable [MSC 2020] 46-XX - Functional analysis [MSC 2020] 46F10 - Operations with distributions and generalized functions [MSC 2020]
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910954549403321
	Autore	Schaefer Michael <1952->
	Titolo	Body in mind : a new look at the somatosensory cortices / / Michael Schaefer
	Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
	ISBN	1-61209-803-7
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (97 p.)
	Collana	Neurology--laboratory and clinical research development series
	Disciplina	612.8/11
	Soggetti	Sensorimotor cortex Somesthesia
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction: Jeff's hand -- Long-term plasticity in SI : phantom limbs and the existence of the soul -- Short-term modulations in SI : how using a tool can change body image and other examples of top-down

mechanisms in SI -- SI represents the perceived rather than the physical image of the body -- The two-folded character of touch : viewing the body magnified -- Morphing the body -- My body and your body : SI and the social world -- Dr. Strangelove and the evil hand -- Using the dynamic facet of the body image for neurorehabilitation -- Conclusion : consequences for the image of our self.

Sommario/riassunto

How do we perceive our body and where is it represented in our brain? Since decades it has been known that the primary somatosensory cortex (or SI) codes the surface of our body in a topographical way. Classic studies understand this body map representation in SI as fix and reflecting the physical location of peripheral stimulation in the form of the famous somatosensory homunculus. This book reports results of recent studies that challenge this view and suggest a more complex role of SI.
