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Titolo	Touch, heat, and pain [[electronic resource]] : [proceedings] Ciba Foundation Symposium / / edited by A.V.S. de Reuck and Julie Knight
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Descrizione fisica	1 online resource (433 p.)
Collana	Novartis Foundation Symposia
Altri autori (Persone)	De ReuckAnthony V. S KnightJulie
Disciplina	591.1/8 591.18
Soggetti	Sense organs Senses and sensation
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 indexes.
Nota di contenuto	TOUCH, HEAT AND PAIN; Preface; Contents; Chairman's introduction; Section I. Discrimination of quantitative differences in stimuli in man; Transfer functions of the skin and muscle senses; Discussion; Tissue temperature and thermal pain; Discussion; Measurement of responses to chemically induced pain; Discussion; General discussion of Section I; Linearity of transmission along the perceptual pathway; Section II. Structure of receptor organs; Unit design and array patterns in receptor organs; Discussion; Fine structure of the receptor organs and its probable functional significance; Discussion General discussion of Section IIChemical or physical nature of transduction; Induction of receptor properties; Specificity of first-order fibres; Section III. Basic mechanisms: biophysics of supporting tissues and receptors; The relationship of skin displacement to receptor activation; Discussion; Nerve membrane properties and thermal stimulation; Discussion; Input and output ends ofa transducer process; Discussion; Initiation of impulses by mechanorensory nerve terminals; Discussion; General discussion of Section III; Function of lamellar cells of encapsulated organs Cell membrance junctionsTerminal concentrations of mitochondria;