



The oculomotor and skeletalmotor systems [differences and similarities /

Freund, H.-J

Elsevier ;

Sole distributor for the USA and Canada, Elsevier Science Pub.

Co.,

1986

Electronic books

Monografía

THE OCULOMOTOR AND SKELETALMOTOR SYSTEMS

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjY0NjU3NzM>

Título: The oculomotor and skeletalmotor systems electronic resource] :] differences and similarities edited by H.-J. Freund ... [et al.].

Editorial: Amsterdam New York Elsevier New York, NY, USA Sole distributor for the USA and Canada, Elsevier Science Pub. Co. 1986

Descripción física: 1 online resource (447 p.)

Mención de serie: Progress in brain research v. 64

Nota general: Based on symposium held at Schloss Hugenpoet on Oct. 15-18, 1984

Bibliografía: Includes bibliographical references and index

Contenido: Front Cover; The Oculomotor and Skeletalmotor Systems: Differences and Similarities; Copyright Page; List of Contributors; Preface; Contents; Special Introduction; Chapter 1. Learning in the motor system; Section I: Final Common Pathway; Chapter 2. Organization and properties of spinal motoneurons and motor units; Chapter 3. Extraocular motoneuron behavior in synergistic action; Chapter 4. Transmitter-controlled properties of a-motoneurons causing long-lasting motor discharge to brief excitatory inputs; Chapter 5. Discussion; Section II: Sensory Information Used by the Motor System Chapter 6. What are the afferents of origin of the human stretch reflex, and is it a purely spinal reaction? Chapter 7. Experimental evidence for the existence of a proprioceptive transcortical loop; Chapter 8. Visual inputs relevant for the optokinetic nystagmus in mammals; Chapter 9. Discussion; Section III: Neuroanatomical Substrates of Premotor Centres; Chapter 10. Anatomy of premotor centers in the reticular formation controlling oculomotor, skeletomotor and autonomic motor systems; Chapter 11. The organization of thalamic inputs to the ""premotor"" areas; Chapter 12. Discussion Section IV: A - Specialized Areas in Motor Control: Supratentorial Chapter 13. Movement-related activity in the premotor cortex of rhesus

macaques; Chapter 14. Activity of forelimb motor units and corticomotoneuronal cells during ramp-and- hold torque responses: comparisons with oculomotor cells; Chapter 15. The role of the arcuate frontal eye fields in the generation of saccadic eye movements; Chapter 16. Express saccades in man and monkey; Chapter 17. The contribution of basal ganglia to limb control; Chapter 18. Role of the basal ganglia in the initiation of saccadic eye movements Chapter 19. Role of the central thalamus in gaze controlChapter 20. Discussion; Section IV: B - Specialized Areas in Motor Control: Infratentorial; Chapter 21. A comparison of disorders in saccades and in fast and accurate elbow flexions during cerebellar dysfunction; Chapter 22. Cerebellar relation to muscle spindles in hand tracking; Chapter 23. Cerebellar control of eye movements; Chapter 24. The functional organization of the primate superior colliculus: A motor perspective; Chapter 25. Horizontal saccades and the central mesencephalic reticular formation Chapter 26. Brainstem neurons are peculiar for oculomotor organizationChapter 27. Spinal programs for locomotion; Chapter 28. Discussion; Section V: Functional Organisation of Movements; Chapter 29. Time control of hand movements; Chapter 30. Reflex control of hand muscles; Chapter 31. Pathophysiology of rapid eye movement generation in the primate; Chapter 32. Smooth pursuit eye movements; Chapter 33. Neuronal mechanisms underlying eye-head coordination; Chapter 34. Regulation of multi-joint arm posture and movement; Chapter 35. Are corrections in accurate arm movements corrective? Chapter 36. Discussion

Lengua: English

ISBN: 1-283-28799-4 9786613287991 0-08-086189-X

Materia: Motor neurons- Congresses Efferent pathways- Congresses Eye- Movements- Regulation- Congresses Muscles- Innervation- Congresses

Autores: Freund, H.-J

Enlace a serie principal: Progress in brain research (CKB)954926958899 (DLC)sn80000092 1875-7855

Enlace a formato físico adicional: 0-444-80655-5

Punto acceso adicional serie-Título: Progress in brain research v. 64

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es