



Afferent control of posture and locomotion [

Allum, J. H. J.

Hulliger, M.

Elsevier ;

Sole distributors for the USA and Canada, Elsevier Science Pub.
Co.,
1989

Electronic books

Monografía

AFFERENT CONTROL OF POSTURE AND LOCOMOTION

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjU5ODA2MzE>

Título: Afferent control of posture and locomotion electronic resource] edited by J.H.J. Allum and M. Hulliger

Editorial: Amsterdam New York Elsevier New York, NY Sole distributors for the USA and Canada, Elsevier Science Pub. Co. 1989

Descripción física: 1 online resource (543 p.)

Mención de serie: Progress in brain research v. 80

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references

Contenido: Front Cover; Afferent Control of Posture and Locomotion; Copyright Page; List of Contributors; Preface; In Memoriam - Ian Alexander Boyd (23.5.27-14.9.87); Acknowledgements; Contents; Section I: Control and Actions of Proprioceptive Feedback; Overview and critique of Chapters 1 - 5; Chapter 1. Fusimotor mechanisms determining the afferent output of muscle spindles; Chapter 2. Segmental influence of slowly-adapting cutaneous mechanoreceptors on ? motoneurones revealed by cross-correlation of unit discharges in the cat; Chapter 3. Central mechanisms and selective fusimotor control Chapter 4. Discharge patterns of ? motoneurone populations of extensor and flexor hindlimb muscles during walking in the thalamic catChapter 5. Physiological properties of tandem muscle spindles in neck and hind-limb muscles; Overview and critique of Chapters 6 - 10; Chapter 6. Ensemble proprioceptive activity in the cat step cycle: towards a representative look-up chart; Chapter 7. Roles of muscle activity and load on the relationship between muscle spindle length and whole muscle length in the freely walking cat Chapter 8. Flexible fusimotor control of muscle spindle feedback during a variety of natural movementsChapter 9. Analysis of human long-latency reflexes by cooling the peripheral conduction pathway: which afferents are involved?; Chapter 10. Eye, head and skeletal muscle spindle feedback in the elaboration of body references; Section II: Control and Actions of Vestibular and Visual Inputs; Overview and critique of

Chapters 11 - 14; Chapter 11. Mechanoelectrical transduction by hair cells of the bullfrog's sacculus Chapter 12. Comparison of the branching patterns of lateral and medial vestibulospinal tract axons in the cervical spinal cordChapter 13. Afferents and efferents of the vestibular nuclei: the necessity of context-specific interpretation; Chapter 14. How visual inputs to the ponto-bulbar reticular formation are used in the synthesis of premotor signals during orienting; Overview and critique of Chapters 15 - 17; Chapter 15. Control of the optokinetic reflex by the nucleus of the optic tract in primates Chapter 16. Open-loop and closed-loop optokinetic nystagmus in Squirrel monkeys (*Saimiri sciureus*) and in manChapter 17. The vestibulo-ocular reflex: an outdated concept?; Overview and critique of Chapters 18 and 19; Chapter 18. Representations of ocular rotations in the cerebellar flocculus of the rabbit; Chapter 19. Oculomotor functions of the flocculus and the vestibular nuclei after bilateral vestibular neurectomy; Section III: Spinal Integration; Overview and critique of Chapters 20 and 21; Chapter 20. A framework for the analysis of neuronal networks Chapter 21. Possible functions of transmitter-controlled plateau potentials in a motoneurones

Lengua: English

ISBN: 1-283-28803-6 9786613288035 0-08-086205-5

Materia: Locomotion Posture Afferent pathways

Autores: Allum, J. H. J. Hulliger, M.

Enlace a serie principal: Progress in brain research (CKB)954926958899 (DLC)2011233390 (OCOlc)61848547
1875-7855

Enlace a formato físico adicional: 0-444-81225-3

Punto acceso adicional serie-Título: Progress in brain research v. 80

Baratz Innovación Documental

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