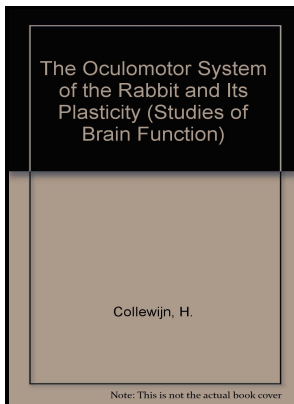


Oculomotor system of the rabbit and its plasticity

Springer-Verlag - C



Description: -

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Rabbits.
Eye movements.
Rabbits -- Physiology.
Nystagmus.
Eye -- Movements. oculomotor system of the rabbit and its plasticity
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v. 5
Studies of brain function ; oculomotor system of the rabbit and its plasticity
Notes: Includes bibliographies and index.
This edition was published in 1981



Filesize: 37.93 MB

Tags: #Monocular #and #Binocular #Contributions #to #Oculomotor #Plasticity

The oculomotor system of the rabbit and its plasticity

The pupillary light reflex maintains the level of retinal illumination within the working range of the photopigments in the photoreceptor cells rods or cones.

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Binocular coordination of saccades at far and at near in children and in adults.

Oculomotor System

However, amblyopia can be avoided through early treatment of strabismus. Inset on the right, higher magnification of the region shown in the red box. Each observer completed two sessions for each adaptation condition outwards, inwards and dichoptic.

Plasticity in the oculomotor system

This plasticity could maintain saccade accuracy in the face of changes in the forces acting upon the eye during normal development and aging for a review see ref. Within a session, an observer completed 175 trials: the first 25 trials were Baseline Trials, in which there was no intrasaccadic target displacement; trials 26 to 100 were Adaptation Trials, in which a different intrasaccadic shift was introduced depending on the condition; and trials 101 to 175 were Recovery Trials, in which the intrasaccadic target displacement was no longer presented.

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