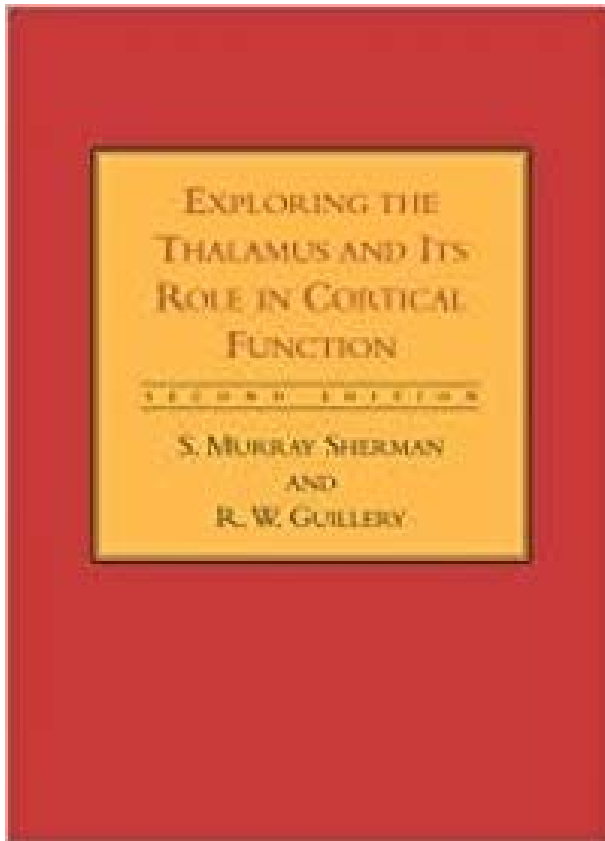


# Exploring the Thalamus and Its Role in Cortical Function



<b>Language</b>	English
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Examines the two-way relationships between the thalamus and the cerebral cortex; with updated material and a new chapter on the link between perception and action. The thalamus plays a critical role in perceptual processing, but many questions remain about what thalamic activities contribute to sensory and motor functions. In this book, two pioneers in research on the thalamus examine the close two-way relationships between thalamus and cerebral cortex and look at the distinctive functions of the links between the thalamus and the rest of the brain. Countering the dominant corticocentric approach to understanding the cerebral cortex - which does not recognise that all neocortical areas receive important inputs from the thalamus and send outputs to lower motor centres - S. Murray Sherman and R. W. Guillery argue for a reappraisal of the way to think about the cortex and its interactions with the rest of the brain.