



## The Oscillating Brain: How Our Brain Works (Paperback)

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By Timothy D Sheehan M D

Liferich, United States, 2016. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Oscillating Brain explains for the first time how the human brain works. Neural oscillation is a form of repetitive activity which is characteristic of complex systems. The brain has extensive reciprocal connections. Reciprocal connectivity is the basis for neural oscillation. While some patterns of neural oscillation are localized (restricted to specific regions of the brain), others involve reciprocal connections between geographically separate areas of the brain permitting more widespread neural network interaction. Neural network oscillation transforms the brain s three-pound mass of grey matter into a dynamic medium. Conscious experience involves the integrated interaction of both sensory and motor areas of the brain. Our experience of reality is the product of brain activity. Reality, as it is constructed by our brain, is an inherently simplified version of the world that enables us to respond rapidly to developing situations in a fashion that promotes survival. Our reality is heavily biased by our emotional reactions. We see the world in terms of good and evil and continually strive for good as a means of enhancing our sense of security....



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