



Midbrain Mutiny: v. 2: The Picoeconomics and Neuroeconomics of Disordered Gambling: Economic Theory and Cognitive Science

By Don Ross, Carla Sharp, Rudy E Vuchinich

MIT Press Ltd, United States, 2012. Paperback. Book Condition: New. 230 x 188 mm. Language: English . Brand New Book. The explanatory power of economic theory is tested by the phenomenon of irrational consumption, examples of which include such addictive behaviors as disordered and pathological gambling. Midbrain Mutiny examines different economic models of disordered gambling, using the frameworks of neuroeconomics (which analyzes decision making in the brain) and picoeconomics (which analyzes patterns of consumption behavior), and drawing on empirical evidence about behavior and the brain. The book describes addiction in neuroeconomic terms as chronic disruption of the balance between the midbrain dopamine system and the prefrontal and frontal serotonergic system, and reviews recent evidence from trials testing the effectiveness of antiaddiction drugs. The authors argue that the best way to understand disordered and addictive gambling is with a hybrid picoeconomic-neuroeconomic model.



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