

Download How The Self Controls Its Brain

How the Self Controls Its Brain is a book by Sir John Eccles, proposing a theory of philosophical dualism, and offering a justification of how there can be mind-brain action without violating the principle of the conservation of energy. The model was developed jointly with the nuclear physicist Friedrich Beck in the period 1991-1992. Also included is a new attempt to explain mind-brain interaction via a quantum process affecting the release of neurotransmitters. John Eccles received a knighthood in 1958 and was awarded the Nobel Prize for Medicine/Physiology in 1963. He has numerous other awards honouring his major contributions to neurophysiology. A unitary hypothesis of mind-brain interaction in the cerebral cortex.- Evolution of Consciousness.- Evolution of complexity of the brain with the emergence of consciousness.- Quantum Aspects of Brain Activity and the Role of Consciousness.- The Self and its Brain: The Ultimate Synthesis. After the book he wrote with Karl Popper (The brain and its mind) sir John Eccles, Nobel Prize in the 60's, wrote this one, described by him as "the book he had been trying to write during his entire life". Actually, he passed away soon after writing it.