

Brain asymmetry and neural systems

Harrison, David W., author

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Abstrak

Following a discussion of the mind body issue and the issue of localization of function, the basic functional units of the brain will be discussed, including the arousal systems, sensory perceptual or attentional systems, and the motor or intentional systems. This will be followed by discussion of functional neural systems theory. This will be followed by a discussion of the basic brain syndromes common to left sided or right sided brain pathology leading up to a brief account of neuro-psychopathology for the clinician and clinical neuroscientist. The final sections of the book provide for specific topics on probable differences in specialization of each brain. Some of these topics evolve directly from our laboratory research findings and those of former students in the Behavioral Neuroscience Laboratory who each have contributed significantly to our literatures on cerebral lateralization of functions.