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Handedness and Brain Asymmetry is an updated version of her earlier book and reviews a working lifetime of research. It shows how a fundamental analysis of the nature of handedness led to a theory of brain asymmetry which influences the way we look at human behaviour at many levels, from genetics to cerebral specialisation and human abilities.

Handedness and Brain Asymmetry: The Right Shift Theory ...

Are symmetries for hand and brain associated with characteristics such as intelligence, motor skill, spatial reasoning or skill at sports? In this follow up to the influential *Left, Right Hand and Brain* (1985) Marian Annett draws on a working lifetime of research to help provide answers to crucial questions. Central to her argument is the Right Shift Theory - her original and innovative contribution to the field that seeks to explain the relationships between left-and right-handedness and ...

Handedness and Brain Asymmetry: The Right Shift Theory ...

Handedness and Brain Asymmetry. Stock Image. View Larger Image *Handedness and Brain Asymmetry* ANNETT, MARIAN. Published by Psychology Press, 2013. ISBN 10: 0415648262 / ISBN 13:

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9780415648264. New / Paperback / Quantity available: 0. From Herb Tandree Philosophy Books (Stroud, GLOS, United Kingdom)

Handedness and Brain Asymmetry by ANNETT, MARIAN.: NEW ...

It continues to be at the cutting edge of research, solving problems and generating new avenues of investigation - most recently the surprising idea that a mutant RS+ gene might be involved in the causes of schizophrenia and autism. *Handedness and Brain Asymmetry* will make fascinating reading for students and researchers in psychology and neurology, educationalists, and anyone with a keen interest in why people have different talents and weaknesses.

Handedness and Brain Asymmetry: The Right Shift Theory ...

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Handedness and Brain Asymmetry / Taylor & Francis Group

Handedness represents one form of functional hemispheric asymmetries—e. g., left-right differences in the brain. Specifically, in left-handers, the motor cortex in the right side of the brain (the...

The Left-Handed Brain / Psychology Today

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Handedness reflects the structure of our brain, more specifically its asymmetry. The functional differences in the right and left brain hemispheres are believed to underline the phenomenon of hand dominance. Handedness is probably the most obvious manifestation of the fact that our brain functions in an asymmetric manner.

Handedness: What Does It Say About Your Brain Structure ...

This association between hand and brain captured the imaginations of researchers because it would be so useful (so easy, so non-invasive, so cheap) to study patterns of brain asymmetries by using a person's handedness as a marker for brain lateralization (direct methods involve neurosurgery, invasive drug testing, or expensive imaging techniques).

Handedness and Brain Lateralization

Handedness (left, right), brain asymmetry (left, right), and sex (male, female) served as between-group factors. Separate analyses were performed for the FO and PT measures of brain asymmetry. For FO, the MANOVA revealed a significant 2-way interaction between handedness and brain asymmetry, $F_{6,47} = 2.45$, $P < 0.04$.

The Association between Handedness, Brain Asymmetries, and ...

The planum temporale is a brain region within Broca's Area, and is thought to be the most asymmetric area of the human brain; with the left side having shown to be five times the size of the right in some individuals. However in people who are left handed, this asymmetry has shown to be reduced.

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Neuroanatomy of handedness - Wikipedia

Brandler and Paracchini suggest the same mechanisms that determine left/right asymmetry in the body (e.g. Nodal signaling and ciliogenesis) also play a role in the development of brain asymmetry (handedness is an outward reflection of brain asymmetry for motor function).

Handedness - Wikipedia

The Importance of Being Right: Handedness and Brain Asymmetry: The Right Shift Theory. M. Annett. 2002. Hove, East Sussex, UK: Psychology Press. 396 pp., \$80.00 - Volume 10 Issue 3 - Merrill Hiscock

The Importance of Being Right: Handedness and Brain ...

Handedness and Brain Asymmetry: The Right Shift Theory eBook: Annett, Marian: Amazon.co.uk: Kindle Store

Handedness and Brain Asymmetry: The Right Shift Theory ...

Handedness and brain asymmetry are both very important aspects of humans and many other species. They are innate, complicated features that are distinct to everyone. Unfortunately, many people have made assumptions that exaggerate the importance and dominance of one side of the brain from the other.

Brain asymmetry | Bartleby

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Asymmetry / Bartleby

Our findings, along with previously published work on the planum temporale, suggest that handedness, regardless of diagnosis, is associated with brain asymmetry in the superior temporal gyrus. Our study was limited by several factors that merit consideration in future studies. First, we did not collect data on parental handedness.

Handedness, heritability, neurocognition and brain ...

Among the most prominent observations of brain asymmetry are the right frontal and left occipital protrusions of the surface of one hemisphere relative to the other (Figure 1). These protrusions also induce imprints on the inner skull surface, known as petalias. Several studies have shown that these petalias are more prominent in right-handers.

Brain Asymmetry - an overview / ScienceDirect Topics

Handedness and brain asymmetry are both very important aspects of humans and many other species. They are innate, complicated features that are distinct to everyone. Unfortunately, many people have made assumptions that exaggerate the importance and dominance of one side of the brain from the other.

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