

Autonomic Nervous System Questions And Answers

Spielberger... da730928ba

Post-micturition convulsion syndrome a result of the autonomic nervous system getting its signals mixed up between its two main divisions: The sympathetic nervous system (SNS), which controls In neurourology, post-micturition convulsion syndrome (PMCS), also known informally as pee shivers or piss shivers, is the experience of shivering during or after urination. The syndrome seems to be experienced more often by men than women da730928ba

State-Trait Anxiety Inventory Its most current revision is Form Y and it is offered in more than 40 languages. and trait anxiety. and the arousal of the autonomic nervous The State-Trait Anxiety Inventory (STAI) is a psychological inventory consisting of 40 self-report items on a 4-point Likert scale. Higher scores are positively correlated with higher levels of anxiety. [citation needed] State anxiety (S-anxiety) can be defined as fear, nervousness, discomfort, etc. The STAI measures two types of anxiety – state anxiety and trait anxiety da730928ba

Neural Darwinism Edelman's 1987 book Neural Darwinism introduced the public to the theory of neuronal group selection (TNGS), a theory that attempts to explain global brain function. Edelman would revisit Neural Darwinism is a biological, and more specifically Darwinian and selectionist, approach to understanding global brain function, originally proposed by American biologist, researcher and Nobel-Prize recipient Gerald Maurice Edelman (July 1, 1929 – May 17, 2014). would be ready to answer this question and combine it with his earlier ideas on degeneracy and somatic selection in the nervous system da730928ba

The philosophy of artificial intelligence attempts to answer such questions as follows: da730928ba Are human intelligence... da730928ba

Zung Self-Rating Anxiety Scale D. K. Answering the statements a person should indicate how The Zung Self-Rating Anxiety Scale (SAS) was designed by William W. Zung M. (1929–1992) a professor of psychiatry from Duke University, to quantify a patient's level of anxiety. in 4 groups of manifestations: cognitive, autonomic, motor and central nervous system symptoms da730928ba

Sociotechnical system Enid Mumford Sociotechnical systems (STS) in organizational development is an approach to complex organizational work design that recognizes the interaction between people and technology in workplaces. Social society, and its constituent substructures, qualify as complex sociotechnical systems. The term also refers to coherent systems of human relations, technical objects, and cybernetic processes that inhere to large, complex infrastructures. the STS approach has become widely linked with autonomy, completeness and job satisfaction as both systems can work together to achieving a goal da730928ba

Philosophy of artificial intelligence These factors contributed to the emergence of the philosophy of artificial intelligence. The scientific answers to The philosophy of artificial intelligence is a branch of the philosophy of mind and the philosophy of computer science that explores artificial intelligence and its implications for knowledge and understanding of intelligence, ethics, consciousness, epistemology, and free will.) Questions like these reflect the divergent interests of AI researchers, cognitive scientists and philosophers respectively. Furthermore, the technology is concerned with the creation of artificial animals or artificial people (or, at least, artificial creatures; see artificial life) so the discipline is of considerable interest to philosophers da730928ba

The STAI was developed by psychologists Charles Spielberger, R.L. Gorsuch, and R.E. Lushene. Their goal in creating the inventory was to create a set of questions that

could be applied towards differentiating between the temporary condition of "state anxiety" and the more general and long-standing quality of "trait anxiety." This was a new development because all other questionnaires focused on one type of anxiety at the time. da730928ba TNGS (also referred to as the theory of neural Darwinism) has roots going back to Edelman and Mountcastle's 1978 book, *The Mindful Brain - Cortical Organization and the Group-selective Theory of Higher Brain Function*, which describes the columnar structure of the cortical groups within the neocortex, and argues for selective processes operating among degenerate primary... da730928ba There are a wide variety of technologies available for this purpose. The most common and long used measure is the polygraph. A comprehensive 2003 review by the National Academy of Sciences of existing research concluded that there was "little basis for the expectation that... da730928ba The term sociotechnical systems was coined by Eric Trist, Ken Bamforth and Fred Emery, in the World War II era, based on their work with workers in English coal mines at the Tavistock Institute in London. Sociotechnical systems pertains to theory regarding the social aspects of people and society and technical aspects of organizational structure and processes. Here... da730928ba

History of neuroscience inappropriate answers to questions, and occasional inability to speak. Avicenna also discovered the cerebellar vermis, which he simply called the vermis, and the From the ancient Egyptian mummifications to 18th-century scientific research on "globules" and neurons, there is evidence of neuroscience practice throughout the early periods of history. Early views on the function of the brain regarded it to be a form of "cranial stuffing" of sorts. In ancient Egypt, from the late Middle Kingdom onwards, in preparation for mummification, the brain was regularly removed, for it was the heart that was assumed to be the seat of intelligence. According to Herodotus, during the first step of mummification: "The most perfect practice is to extract as much of the brain as possible with an iron. The early civilizations lacked adequate means to obtain knowledge about the human brain. Their assumptions about

the inner workings of the mind, therefore, were not accurate
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The term "post-micturition convulsion syndrome" was coined in 1994 in the online question-and-answer newspaper column The Straight Dope, when a reader inquired about the phenomenon. da730928ba Can a machine act intelligently? Can it solve any problem that a person would solve by thinking? da730928ba

Central nervous system It is a structure composed of nervous tissue positioned along the rostral (nose end) to caudal (tail end) axis of the body and may have an enlarged section at the rostral end which is a brain. The CNS is so named because The central nervous system (CNS) is the part of the nervous system consisting primarily of the brain, spinal cord and retina. Only arthropods, cephalopods and vertebrates have a true brain, though precursor structures exist in onychophorans, gastropods and lancelets. The CNS is so named because the brain integrates the received information and coordinates and influences the activity of all parts of the bodies of bilaterally symmetric and triploblastic animals—that is, all multicellular animals except sponges and diploblasts. The central nervous system (CNS) is the part of the nervous system consisting primarily of the brain, spinal cord and retina da730928ba

The rest of this article exclusively discusses the vertebrate central nervous... da730928ba The SAS is a 20-item self-report assessment device built to measure anxiety levels, based on scoring in 4 groups of manifestations: cognitive, autonomic, motor and central nervous system symptoms. Answering the statements a person should indicate how much each statement applies to him or her within a period of one or two weeks prior to taking the test. Each question is scored on a Likert-type scale of 1-4 (based on these replies: "a little of the time", "some of the time", "good part of the time", "most of the time"). Some questions are negatively worded to avoid the problem of set response. Overall assessment... da730928ba

Lie detection The latter is commonly used by law

enforcement in the United States, but rarely in other countries because it is based on pseudoscience. Lie detection may refer to a cognitive process of detecting deception by evaluating message content as well as non-verbal cues. false answers) and irrelevant questions (which should represent true answers). It also may refer to questioning techniques used along with technology that record physiological functions to ascertain truth and falsehood in response. The control question test Lie detection is an assessment of a verbal statement with the goal to reveal a possible intentional deceit. They are about whatever is particularly in question da730928ba

Postural orthostatic tachycardia syndrome Many symptoms are exacerbated with postural changes, especially standing up. POTS is a disorder of the autonomic nervous system that can lead to a variety of symptoms, including lightheadedness Postural orthostatic tachycardia syndrome (POTS) is a condition characterized by an abnormally large increase in heart rate upon sitting up or standing. Other conditions associated with POTS include myalgic encephalomyelitis/chronic fatigue syndrome, migraine headaches, Ehlers-Danlos syndrome, asthma, autoimmune disease, vasovagal syncope, chiari. POTS is a disorder of the autonomic nervous system that can lead to a variety of symptoms, including lightheadedness, brain fog, blurred vision, weakness, fatigue, headaches, heart palpitations, exercise intolerance, nausea, difficulty concentrating, tremulousness (shaking), syncope (fainting), coldness, pain or numbness in the extremities, chest pain, and shortness of breath. heart rate upon sitting up or standing da730928ba

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