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In defining intelligent behavior, what matters is the behavioral outcome, not the nature of the mechanism by which the outcome is achieved. Similarly, in designing robots capable of intelligent behavior, what matters is the behavioral outcome.

Intelligent Behavior in Animals and Robots | MIT CogNet

Intelligence takes many forms. This exciting study explores the novel insight, based on well-established ethological principles, that animals, humans, and autonomous robots can all be analyzed as multi-task autonomous control systems.

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Other articles where Animal intelligence is discussed: animal learning: Complex problem solving: that animals might differ in intelligence, with those more closely related to humans sharing more of their intellectual abilities, is commonly traced back to Charles Darwin.

Animal intelligence | animal behaviour | Britannica.com

Intelligent Behavior in Humans and Machines Pat Langley Computational Learning Laboratory Center for the Study of Language and Information Stanford University, Stanford, CA 94305 USA

Intelligent Behavior in Humans and Machines - ISLE

of intelligent behavior: even single-celled organisms (which, clearly, cannot contain a CNS: neurons are cells), are able to exhibit rudimentary intelligent behavior. An example involving bacteria will be given below. In addition to the nervous system, there is a parallel system for feedback in the body of animals, namely the

endocrine system.

Animal behavior - Chalmers

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Speculation about animal intelligence gradually yielded to scientific study after Darwin placed humans and animals on a continuum, although Darwin's largely anecdotal approach to the topic would not pass scientific muster later on.

Animal cognition - Wikipedia

Intelligence is most often studied in humans but has also been observed in both non-human animals and in plants. Intelligence in machines is called artificial intelligence, which is commonly implemented in computer systems using programs and, sometimes, appropriate hardware.

Intelligence - Wikipedia

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Animals are as intelligent as they need to be to survive in their environment. They often are thought of as intelligent if they can be trained to do certain behaviors. But animals do amazing things in their own habitats.

SeaWorld Parks & Entertainment

However intelligence is defined, it is, itself, an evolutionary adaptation for all animals, including humans, that is utilized in different ways based upon environment, physiology, and ecological ...

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David McFarland and Thomas Bossert, Intelligent Behavior in

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While we can discuss animal intelligence and what it implies about appropriate animal treatment, even the smartest animals are qualitatively different from humans. Likewise, in this and in the animal intelligence stories that follow, we remember that God created many different kinds of animals that are highly intelligent.

Animal Intelligence | Answers in Genesis

Intelligence and Adaptive Behavior in Animals and Plants. Front. Robot. AI 4:34. doi: 10.3389/frobt.2017.00034 evolutionary Developmental soft ... designed in order to study the emergence of adaptive and intelligent behavior in generic soft-bodied creatures. By incorporating artificial evolutionary and developmental processes, the system ...

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debate Moral Rights 14. Stephen E. Schmid UW-Rock County Intro to Philosophy 1. Intelligence requires the processing of information. 2. Human beings process information. 3. Human beings have intelligence.

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1 Animal Behavior The things animals do. Animal Behavior Vocabulary Ethology = study of animal behavior Behavior = action performed in response to stimulus Whale tail Vocabulary Stimulus = something that elicits a response Examples of stimuli? Sight Touch

Animal Behavior Animal Behavior Vocabulary

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A New Frontier in Animal Intelligence - Scientific American

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