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Engineering : Computational Intelligence

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Biologically Inspired Cognitive Architectures 2019

Proceedings of the Tenth Annual Meeting of the BICA Society

- Reports on biologically inspired approaches to replicate human mind function
- Bridges together artificial intelligence, cognitive, neuro- and social sciences
- Addresses the topic of "biological inspiration" broadly, highlighting its application to cognitive robotics and machine learning

The book focuses on original approaches intended to support the development of biologically inspired cognitive architectures. It bridges together different disciplines, from classical artificial intelligence to linguistics, from neuro- and social sciences to design and creativity, among others. The chapters, based on contributions presented at the Tenth Annual Meeting of the BICA Society, held in on August 15-18, 2019, in Seattle, WA, USA, discuss emerging methods, theories and ideas towards the realization of general-purpose humanlike artificial intelligence or fostering a better understanding of the ways the human mind works. All in all, the book provides engineers, mathematicians, psychologists, computer scientists and other experts with a timely snapshot of recent research and a source of inspiration for future developments in the broadly intended areas of artificial intelligence and biological inspiration.

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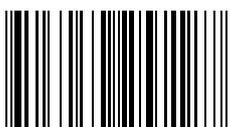
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