

Plagio detectado: 90.28%

Texto original: The pursuit of biologically inspired cognitive architectures (BICA) has driven significant advancements in artificial intelligence (AI) and artificial general intelligence (AGI).

Texto plagiado: The pursuit of biologically inspired cognitive architectures (BICA) has driven significant advancements in artificial intelligence (AI) and artificial general intelligence (AGI).

Texto original: However, most existing BICA models lack a critical aspect of human intelligence: emotions and feelings.

Texto plagiado: However, most existing BICA models lack a critical aspect of human intelligence: emotions and feelings.

Texto original: he development and implementation of an emotion-integrated cognitive architecture that mimics human emotional processing within a computational framework

Texto plagiado: he development and implementation of an emotion-integrated cognitive architecture that mimics human emotional processing within a computational framework

Texto original: Our proposed architecture, Emotion-Integrated Cognitive Architecture (EICA), is inspired by the latest findings in cognitive psychology, neurobiology, neuroscience and affective computing.

Texto plagiado: Our proposed architecture, Emotion-Integrated Cognitive Architecture (EICA), is inspired by the latest findings in cognitive psychology, neurobiology, neuroscience and affective computing.

Texto original: EICA aims to integrate emotional processing into the core of the AI system, enabling robust, flexible, and adaptable AI agents that can respond to complex and dynamic environments with human-like emotional intelligence.

Texto plagiado: EICA aims to integrate emotional processing into the core of the AI system, enabling robust, flexible, and adaptable AI agents that can respond to complex and dynamic environments with human-like emotional intelligence.

Texto original: The EICA model leverages advances in brain imaging and recording techniques to draw insights from the neural basis of emotions in humans.

Texto plagiado: The EICA model leverages advances in brain imaging and recording techniques to draw insights from the neural basis of emotions in humans.

Texto original: The architecture incorporates emotion-generating, recognition, and regulation mechanisms, allowing AI agents to perceive, interpret, and respond to emotions in themselves and others.

Texto plagiado: The architecture incorporates emotion-generating, recognition, and regulation mechanisms, allowing AI agents to perceive, interpret, and respond to emotions in themselves and others.

Texto original: he concept of EICA, including its modular structure and interaction with other cognitive components

Texto plagiado: he concept of EICA, including its modular structure and interaction with

other cognitive components

Texto original: ase studies showcasing EICA's successful implementation in various AI applications, such as virtual assistants and adaptive robotics

Texto plagiado: ase studies showcasing EICA's successful implementation in various AI applications, such as virtual assistants and adaptive robotics

Texto original: This research represents a significant step towards achieving the BICA Challenge by advancing the computational replication of human emotional intelligence.

Texto plagiado: This research represents a significant step towards achieving the BICA Challenge by advancing the computational replication of human emotional intelligence.

Texto original: By integrating emotions and feelings into AI systems, we move closer to realizing the full potential of bi-directional understanding between artificial and biological intelligences.

Texto plagiado: By integrating emotions and feelings into AI systems, we move closer to realizing the full potential of bi-directional understanding between artificial and biological intelligences.