

UC Merced

Proceedings of the Annual Meeting of the Cognitive Science Society

Title

Research on Fundamental Issues of Intelligence Cognition

Permalink

<https://escholarship.org/uc/item/1dx5632f>

Journal

Proceedings of the Annual Meeting of the Cognitive Science Society, 47(0)

Authors

Li, Xiaosong

Sun, Yazhou

Tang, Shanhong

Publication Date

2025

Copyright Information

This work is made available under the terms of a Creative Commons Attribution License, available at <https://creativecommons.org/licenses/by/4.0/>

Peer reviewed

Research on Fundamental Issues of Intelligence Cognition

Xiaosong Li

Center for Information Research, Beijing, China

Yazhou Sun

Center for Information Research, Beijing, China

Shanhong Tang

Center for Information Research, Beijing, China

Abstract

Intelligence cognition, as a pivotal element in intelligence activities, encompasses a series of psychological processes, cognitive operations, and behavioral manifestations involved in the acquisition, processing, analysis, and utilization of intelligence throughout the entire process. This study reviews the current status of intelligence cognition research, explores the theoretical foundations of intelligence cognition, elucidates the cognitive components embedded in the intelligence research workflow, and identifies key issues that need to be addressed in the future field of intelligence cognition.