

UC Merced

Proceedings of the Annual Meeting of the Cognitive Science Society

Title

(How) Are features Inherited?

Permalink

<https://escholarship.org/uc/item/8td7t52h>

Journal

Proceedings of the Annual Meeting of the Cognitive Science Society, 33(33)

ISSN

1069-7977

Authors

Prasada, Sandeep
Pitt-Stoller, Samuel

Publication Date

2011

Peer reviewed

(How) Are features Inherited?

Sandeep Prasada
Hunter College, CUNY

Samuel Pitt-Stoller
Hunter College, CUNY

Abstract: Two experiments provide evidence that our conceptual systems represent hierarchical relations between concepts in more than one way. Specifically, hierarchical relations may be represented via criteria inclusion or kind specification. The experiments provide the first evidence that these two ways of representing hierarchical relations mediate feature inheritance in systematically different ways. Furthermore, it appears that the inheritance of k-properties differs in systematic ways from that of t-properties