

## **UC Merced**

# **Proceedings of the Annual Meeting of the Cognitive Science Society**

### **Title**

A Comparative Analysis of Modeling Strategies

### **Permalink**

<https://escholarship.org/uc/item/98v9s416>

### **Journal**

Proceedings of the Annual Meeting of the Cognitive Science Society, 31(31)

### **ISSN**

1069-7977

### **Author**

Guimberteau, Bernadette

### **Publication Date**

2009

Peer reviewed

# A Comparative Analysis of Modeling Strategies

**Bernadette Guimberteau**  
University of California at Berkeley

**Abstract:** This work contrasts several modeling strategies and proposes a new modeling approach. It demonstrates the existence of a new account to explain the first episode of skilled problem solving observed in Anzai & Simon (1979). The resulting characterization of the learners strategies is stronger than the classical Selective Search account based on heuristics that avoid move repetitions (Anzai & Simon, 1979)