

---

# Considerations on the Logic of Intention

---

**Yoav Shoham**

Department of Computer Science  
Stanford University  
Stanford, CA 94305  
shoham@cs.stanford.edu

## **Abstract**

While logical theories of informational attitudes, such as knowledge, certainty and belief, have flourished in the past two decades, logical formalization of other facets of rational behavior has lagged behind significantly. One intriguing line of research concerns the concept of intention. I will discuss one approach to tackling the notion within a logical framework.