

Contents to Volume 12

Number 1 January–March, 1988

Cognitive Science News	ii
Dual Space Search During Scientific Reasoning..... <i>David Klahr and Kevin Dunbar</i>	1
Forces Dynamics in Language and Cognition	49
<i>Leonard Talmy</i>	
FERMI: A Flexible Expert Reasoner with Multi-Domain Inferencing	101
<i>Jill M. Larkin, Frederick Reif, Jaime Carbonell, and Angela Gugliotta</i>	

Number 2 April–June, 1988

Cognitive Science News.....	ii
The Processes of Scientific Discovery:	139
The Strategy of Experimentation <i>Deepak Kulkarni and Herbert A. Simon</i>	
Critical Decisions under Uncertainty:	177
Representation and Structure <i>Benjamin Kuipers, Alan J. Moskowitz, and Jerome P. Kassirer</i>	
Why and How to Learn Why:	211
Analysis-based Generalization of Procedures <i>Clayton Lewis</i>	
Cognitive Load During Problem Solving:.....	257
Effects on Learning <i>John Sweller</i>	
Estimating Human Cognitive Capacities:	287
A Response to Landauer <i>Lawrence Hunter</i>	
An Estimate of How Much People Remember,	293
Not of Underlying Cognitive Capacities <i>Thomas K. Landauer</i>	

Number 3 July–September, 1988

Cognitive Science News	ii
------------------------------	----

Comparison Between Kanerva's SDM and Hopfield-type Neural Networks	299
<i>James D. Keeler</i>	
A Connectionist Approach to Knowledge Representation and Limited Inference	331
<i>Lokendra Shastri</i>	
Adaptive Planning	393
<i>Richard Alterman</i>	
A Distributed Connectionist Production System	423
<i>David S. Touretzky and Geoffrey E. Hinton</i>	
Book Reviews	
D.E. Appelt's <i>Planning English Sentences</i>	467
Reviewed by <i>Allan Ramsay</i>	
M. Arbib, E. Conklin, & J. Hill's <i>From Schema Theory to Language</i>	479
Reviewed by <i>Suzanne Mannes</i>	

Number 4

October–December, 1988

Cognitive Science News	ii
Combining Prototypes: A Selective Modification Model	485
<i>Edward E. Smith, Daniel N. Osherson, Lance J. Rips, and Margaret Keane</i>	
Comprehending Complex Concepts	529
<i>Gregory L. Murphy</i>	
Observed Methods for Generating Analogies in Scientific Problem Solving	563
<i>John Clement</i>	
Observational Learning From Internal Feedback: A Simulation of an Adaptive Learning Method	587
<i>Dorrit Billman and Evan Heit</i>	
Book Review:	
David C. Rubin, (Ed.) <i>A Review of Autobiographical Memory</i>	627
Reviewed by <i>Stephanie Thornton</i>	
<i>Author Index to Volume 12, 1988</i>	631
<i>Contents Index to Volume 12, 1988</i>	632
<i>Guest Reviewers</i>	634