

Human Problem Solving in 2006

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Abstract

This paper presents a bibliography of a little more than 100 references related to human problem solving, arranged by subject matter. The references were taken from PsycInfo and Compendex databases. Only journal papers, books and dissertations are included. The topics include human development, education, neuroscience, research in applied settings, as well as animal studies. A few references from artificial intelligence are also given.

Introduction

Note that this bibliography is not very large, indicating the relatively small number of researchers working on human problem solving. This agrees with the JPS Editorial Board's informal evaluation of the state of our field when we decided to start a new journal. Next, note that quite a few dissertations on human problem solving were defended last year. Compared to the number of journal papers, the number of dissertations is quite large. Does this mean that it is difficult to publish a paper in the area of problem solving? If this conclusion is accurate, then the *Journal of Problem Solving* can remedy the situation.

Below there are names of journals that published papers on human problem solving, last year. There were 95 papers published in 67 journals. The mode was one publication per journal (49 papers in 49 journals). There were 14 journals with two publications each, and four journals that published three, four, five and six papers, respectively. The maximal number of publications (six) was published in this journal: the *Journal of Problem Solving*. These facts clearly show that there has been no journal *devoted* to human problem solving. This is an undesirable situation for more than one reason. First, students of problem solving have to keep track of large number of journals. Second, editors handling papers on human problem solving do not have a large pool of reviewers who are easily accessible. This fact may lead to subsequent problems such as duration and, potentially, the quality of the review process.

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List of Journals

(The number of publications for each journal is shown in parentheses.)

AI Magazine
Animal Behaviour
Animal Cognition
Applied Animal Behaviour Science
Applied Cognitive Psychology
Artificial Intelligence (2)
Artificial Intelligence in Medicine
Assessment for Effective Intervention
Behaviour & Information Technology
Behavioral and Cognitive Neuroscience Reviews
Behavioral Neuroscience
Biological Psychiatry
Brain Injury (2)
British Journal of Psychology
Child Development (2)
Clinical Child Psychology and Psychiatry
Clinical Neuropsychologist
Cognitive Psychology
Cognitive Science (2)
Communications of the ACM
Computers in Human Behavior (4)
Contemporary Educational Psychology
Creativity Research Journal (2)
Developmental Science
Educational Psychology in Practice
Ethology
European Journal of Cognitive Psychology
European Journal of Psychology of Education
European Journal of Special Needs Education
Experimental Psychology
IEEE Computational Intelligence Magazine
IEEE Intelligent Systems
Imagination, Cognition and Personality
Infant and Child Development
International Journal of Human-Computer Interaction
Journal for Research in Mathematics Education (5)
Journal of Cognitive Neuroscience (2)

Journal of Educational Psychology (2)
Journal of Experimental Education
Journal of Experimental Psychology: Learning, Memory, and Cognition (2)
Journal of General Psychology
Journal of Learning Disabilities
Journal of Mathematical Behavior (2)
Journal of Mathematical Psychology
Journal of Memory and Language
Journal of Personality and Social Psychology
Journal of Problem Solving (6)
Korean Journal of Thinking & Problem Solving (2)
Learning and Instruction (2)
Management Decision
Mathematical Thinking and Learning (2)
Memory & Cognition (2)
Minds and Machines
Modern Language Journal
Neurocomputing: An International Journal (2)
Neuropsychobiology
Neuropsychologia
North American Journal of Psychology
Psychological Research/Psychologische Forschung
Psychological Review
Psychological Science
Psychonomic Bulletin & Review
Quarterly Journal of Experimental Psychology (3)
Reading Psychology
School Psychology International
School Psychology Review
Science

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