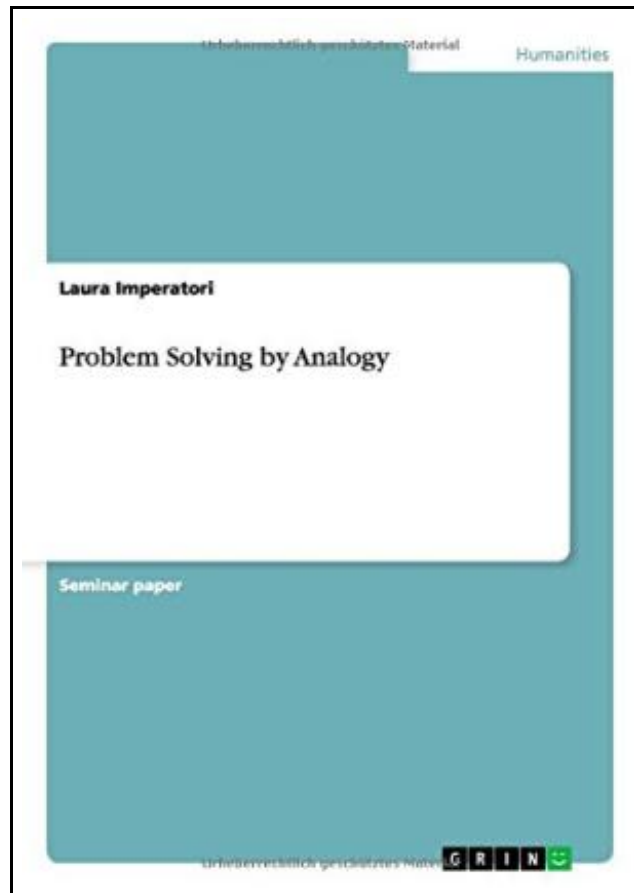


## Problem Solving by Analogy



Filesize: 8.64 MB

### ***Reviews***

*This publication is fantastic. It really is full of knowledge and wisdom You are going to like just how the author write this publication.*

*(Harmon Watsica II)*

## PROBLEM SOLVING BY ANALOGY

DOWNLOAD



To read **Problem Solving by Analogy** eBook, you should follow the web link listed below and save the file or have accessibility to other information that are relevant to PROBLEM SOLVING BY ANALOGY book.

GRIN Verlag GmbH Aug 2014, 2014. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Seminar paper from the year 2014 in the subject Psychology - Social Psychology, grade: A, University of Cambridge (Department of Psychology), course: Part IB Experimental Psychology, language: English, abstract: We investigate problem solving by analogy in order to see whether solving a similar, easier problem beforehand aids in deciphering a more complicated one, given that the two problems have a similar (homomorphic) problem state. The two problems that have been used in this experiment are the historic Missionary & Cannibals problem (M&C) as well as its visual representation - referred to as 'Counter-Moving' (CM) in the following. The use of analogy in problem solving requires restructuring the problem in order to create an insight - as can be measured by 'warmth' ratings - in contrast to problem solving based on trial-and-error learning (mostly common in elementary algebra) as proposed by behaviourists such as Thorndike. The restructuring of the problem relies on mapping from a source domain to a target domain. Since there is an infinite number of possible source domains, many humans have difficulties at spontaneous use of analogy and need its relevance to be highlighted. We have shown that the success rate on the counter-moving problem does differ significantly from the success rate on the M&C problem, which implies that the CM problem is conceptually easier to understand. Hence, we could show that solving a similar, easier problem with a homomorphic problem state does indeed increase the success rate of solving a more complicated one later by comparing the success rates between Groups A and B that solved the problems in opposite orders. 12 pp. Englisch.



[Read Problem Solving by Analogy Online](#)



[Download PDF Problem Solving by Analogy](#)

## See Also



---

**[PDF] Psychologisches Testverfahren**

Follow the link under to get "Psychologisches Testverfahren" file.

[Read Document »](#)



---

**[PDF] Programming in D**

Follow the link under to get "Programming in D" file.

[Read Document »](#)



---

**[PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond**

Follow the link under to get "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" file.

[Read Document »](#)



---

**[PDF] Adobe Indesign CS/Cs2 Breakthroughs**

Follow the link under to get "Adobe Indesign CS/Cs2 Breakthroughs" file.

[Read Document »](#)



---

**[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird**

Follow the link under to get "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" file.

[Read Document »](#)



---

**[PDF] First Fairy Tales**

Follow the link under to get "First Fairy Tales" file.

[Read Document »](#)