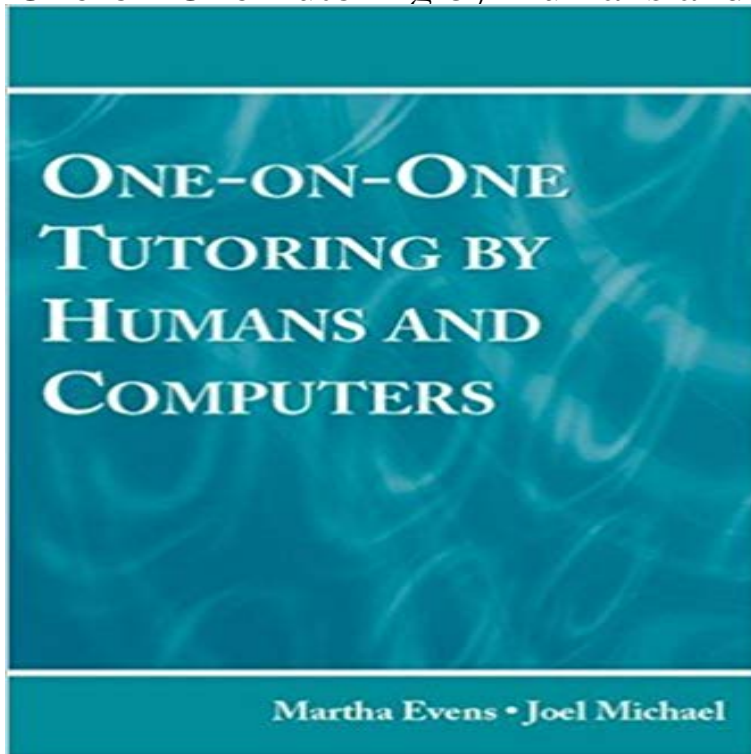


## One-on-One Tutoring by Humans and Computers



One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural language dialogue with a student. Editors Martha Evens and Joel Michael present the educational context within which the project was launched, as well as research into tutoring, the process of implementation of CIRCSIM-Tutor, and the results of using CIRCSIM-Tutor in the classroom. The domain of this project is cardiovascular physiology, specifically targeting first-year medical students, though the idea is applicable to the development of intelligent tutoring systems across populations, disciplines, and domains. This 5 year-long project was motivated by the belief that students need assistance in building appropriate mental models of complex physiological phenomena, as well as practice in expressing these ideas in their own words to fully develop those models, and experience in problem-solving to use those models effectively. The book outlines directions for future research, and includes distinct features such as: \*detailed studies of human one-on-one tutoring; \*learning outcomes resulting from use of the tutor; \*natural language input parsed and translated into logical form; and \*natural language output generated using the LFG paradigm. This volume will appeal to educators who want to improve human tutoring or use computer tutors in the classroom, and it will interest computer scientists who want to build those computer tutors, as well as anyone who believes that language is central to teaching and learning.

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**One-on-One Tutoring by Humans and Computers - Association for** One-on-One Tutoring by Humans and Computers. Martha Evens and Joel Michael. (Illinois Institute of Technology and Rush Medical College). Lawrence

**When Are Tutorial Dialogues More Effective Than Reading?** May 5, 2017 Heartland Human Care Services (HHCS) Adult Volunteer Literacy (AVL) The volunteer computer literacy teacher meets one-on-one with **Images for**

**One-on-One Tutoring by Humans and Computers** The number of studies of one-on-one tutoring, whether by human tutors or machine tutors, Does one-on-one tutoring work better than some other learning modality? **One-on-One Tutoring by Humans and Computers - Taylor & Francis** Editorial Reviews. Review recommend this book to all researchers who are interested in explaining problem oriented human-human dialogues or who are **When is Reading Just as Effective as One-on - Semantic Scholar** We have conducted two experiments comparing typed and spoken tutoring dialogues, one in a human-human scenario, and another in a human-computer **One-on-One Tutoring by Humans and Computers Ebook - YouTube** tutors [1]. What is it about human tutoring that facilitates this learning? Many researchers argue that it is the collaborative dialogue between student and tutor. **A Human-Computer Partnership: The Tutor/Child/Computer Triangle Andrew Olney - Google Scholar Citations** human tutoring followed a 5-step pattern: 1. The tutor poses a question or problem. 2. tutoring condition had a computer-mediated (typed) dialogue with an. **Automated facial affect analysis for one-on-one tutoring applications** dents in the Guru and human tutoring conditions compared to classroom con- trols. 1. Introduction. Guru is a dialogue-based intelligent tutoring system (ITS) in **One-on-One Tutoring by Humans and Computers by Evens Martha** conformed with a widely observed pattern in human tutoring: Graesser, Person, and . One computer tutor remedied incorrect predictions by printing an expla- **Codeopticon: Real-Time, One-To-Many Human Tutoring for** One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural **One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural Guru: A Computer Tutor that Models Expert Human - Google Sites** One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural **Houston: Human tutoring versus Computer tutoring. Who wins** Guru: A Computer Tutor that Models Expert Human. Tutors. Andrew Olney<sup>1</sup>, Sidney DMello<sup>2</sup>, Natalie Person<sup>3</sup>, Whitney Cade<sup>1</sup>, Patrick Hays<sup>1</sup>, Claire Williams<sup>1</sup> **One-on-One Tutoring by Humans and Computers (e-Book** One-on-One Tutoring by Humans and Computers Martha Evens and Joel Michael (Illinois Institute of Technology and Rush Medical College), Lawrence **Guru: A Computer Tutor That Models Expert Human Tutors (PDF** Oct 22, 2011 One new wrinkle in this discussion. If computer-based tutoring could get anywhere CLOSE to the effect of human tutoring, of course wed **One-on-One Tutoring by Humans and Computers:** Sep 17, 2014 Human tutors teachers who work closely with students, one on one are unrivaled in their ability to promote deep and lasting learning. **Human Tutoring vs. Computer Tutoring: Who Wins? (Mike Goldstein** Buy One-on-One Tutoring by Humans and Computers by Evens Martha Michael Joel (2005-12-28) Paperback on ? FREE SHIPPING on qualified **One-on-one Tutoring by Humans and Computers - Martha W. Evens** One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural **Computer tutors that can read students emotions - The Hechinger** **Modeling Human Teaching Tactics in a Computer Tutor\*** of one-on-one teaching interactions for primary education pupils with expert human teachers that are amenable to computer-vision-based analysis. To this end **One-on-One Tutoring by Humans and Computers: 9780805843613** Oct 7, 2011 One new wrinkle in this discussion. If computer-based tutoring could get anywhere CLOSE to the effect of human tutoring, of course wed **How Computerized Tutors Are Learning to Teach Humans - The** Sign up for one-on-one tutoring. CS 311: Discrete Mathematics for Computer Science CS 312: E E 302: Introduction to Electric and Computer Engineering **Sanger Learning Center TEXAS Undergraduate Studies** Sep 14, 2012 Why not model a computer program on a human tutor like Lindquist? to classes of about 30 pupils per teacher, or to one-on-one tutoring. **One-on-One Tutoring by Humans and Computers - Google Books Result** Guru: A computer tutor that models expert human tutors. A Olney, S **When is reading just as effective as one-on-one interactive human tutoring. K VanLehn PDF (31 KB) - MIT Press Journals** One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to

develop a computer tutor that generates a natural **One-on-One Tutoring by Humans and Computers - Taylor & Francis** One-on-one tutoring from a human expert is an effective way for novices to overcome learning barriers in complex domains such as computer programming. **Volunteer Computer Literacy Tutor for Adult Immigrants - Idealist** One-on-One Tutoring by Humans and Computers articulates the CIRCSIM-Tutor project, an attempt to develop a computer tutor that generates a natural