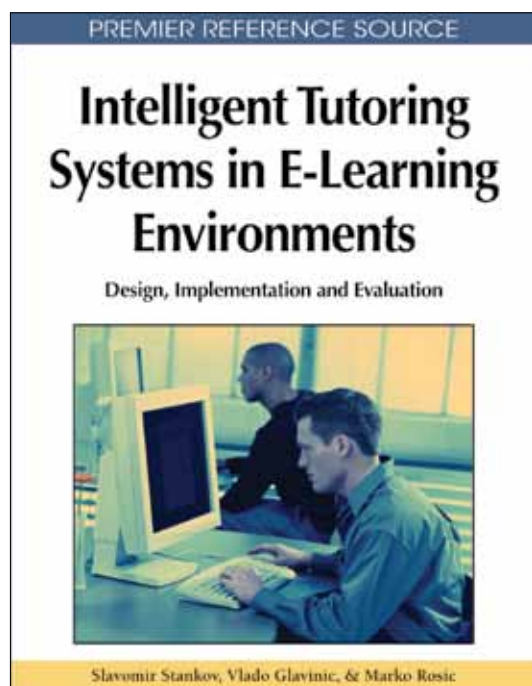


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Intelligent Tutoring Systems in E-Learning Environments: Design, Implementation and Evaluation



Slavomir Stankov (University of Split, Croatia),
Vlado Glavinic (University of Zagreb, Croatia)
and Marko Rosic (University of Split, Croatia)

As a special class of e-learning systems, intelligent tutoring systems support and improve the learning and teaching of domain-specific knowledge, respecting learner individuality as in traditional one-to-one tutoring.

Intelligent Tutoring Systems in E-Learning Environments: Design, Implementation, and Evaluation presents the e-learning community with innovative research concerning the background of intelligent tutoring systems in the new educational era. This scholarly reference provides researchers and e-system developers with a survey of the latest trends and practical experiences in student modeling.

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- E-learning systems
- Intelligent tutoring systems
- Optimized learning pathway planning
- Personalized learning system
- Semantic authoring of learning paths
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- Topic maps

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Slavomir Stankov is a professor of computer science at the Faculty of Science University of Split, Croatia. Since 1996 he has been heading three scientific and one technological project. He has participated on some projects related to the information and communication technology applications in education, in particular the intelligent tutoring systems and authoring shells for their design, implementation and deployment. He has authored or co-authored more than seventy scientific and expert papers.

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