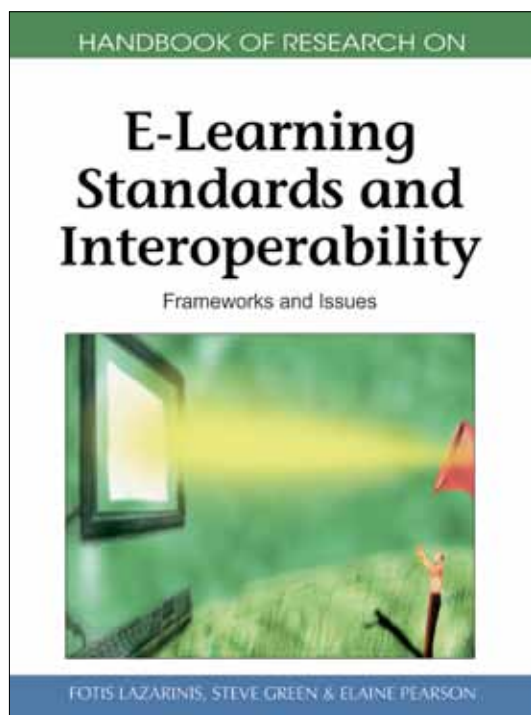


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Handbook of Research on E-Learning Standards and Interoperability: Frameworks and Issues



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As the e-learning industry continues to expand and the methods and tools necessary to create and maintain content and infrastructure applications become more complicated, there is an inherent need for these applications to inter-operate and exchange data in order to better support the needs of learners and educators.

Handbook of Research on E-Learning Standards and Interoperability: Frameworks and Issues promotes the discussion of specific solutions for increasing the interoperability of standalone and Web-based educational tools. This book investigates issues arising from the deployment of learning standards and provides relevant theoretical frameworks and leading empirical research findings. Chapters presented in this work are suitable for practitioners and researchers in the area of educational technology with a focus on content reusability and interoperability.

Topics Covered:

- Adaptable and inclusive e-learning support
- Adaptive assessment
- E-learning standards
- Interoperability of Web-based education systems
- Learning management systems
- Modeling aligned teaching, learning, and assessment
- Satisfaction measurement in education
- Semantic mapping
- Sequencing in e-learning
- Supporting personalization and adaptation in inclusive learning

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