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Soggetti	Education - Data processing Science - Study and teaching Social sciences - Data processing Computers and civilization Microcomputers Learning, Psychology of Computers and Education Science Education Computer Application in Social and Behavioral Sciences Computers and Society Personal Computing Instructional Psychology
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Livello bibliografico	Monografia
Nota di contenuto	Teaching Computer Image Processing Subject to Middle School Students: Cognitive and Affective aspects -- Analyzing Conceptual Content of International Informatics Curricula for Secondary Education -- It's computational thinking! Bebras tasks in the curriculum -- Comparing the Performance of Girls and Boys in Bebras Challenge -- Attitudes towards Computer Science in Secondary Education: Evaluation of an Introductory Course -- Typifying Informatics Teachers' PCK of

Designing Digital Artefacts in Dutch Upper Secondary Education -- Students' Success in the Bebras Challenge in Lithuania: Focus on a Long-term Participation -- What Makes Situational Informatics Tasks Difficult -- A New Informatics Curriculum for Secondary Education in The Netherlands -- And Now What Do We Do with Our Schoolchildren -- Defining and Observing Modeling and Simulation in Informatics -- K-12 Computer Science Education Across the U.S -- Combining the Power of Python with the Simplicity of Logo for a Sustainable Computer Science Education -- A new interactive Computer Science textbook in Slovenia -- Computer Science in the eyes of its teachers in French-speaking Switzerland -- IT2School - Development of Teaching Materials for CS through Design Thinking -- "Why Can't I Learn Programming?" -- The Learning and Teaching Environment of Programming. .

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## Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Conference on Informatics in Schools: Situation, Evolution, and Perspectives, ISSEP 2016, held in Münster, Germany, in October 2015. The 17 full papers presented together with 1 invited talk were carefully reviewed and selected from 50 submissions. The focus of the conference was on following topics: sustainable education in informatics for pupils of all ages; connecting informatics lessons to the students' everyday lives; teacher education in informatics or computer science; and research on informatics or computer science in schools (empirical/qualitative/quantitative/theory building/research methods/comparative studies/transferability of methods and results from other disciplines).

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