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Nota di contenuto	Intelligent tutoring and high school mathematics -- Generality watching: ITS caught between science and engineering -- Guidon-manage revisited: A socio-technical systems approach -- Programming environments for novices -- Granularity and context in learning -- Going from intelligent tutors to tools for learning -- Assisted mathematics: the case of discrete probabilities -- Learning recursion through the use of a mental model-based programming environment -- STUDIA: un système tutoriel intelligent coopératif fondé sur la négociation et sur un modèle dynamique de dialogue -- An iconic intention-driven its environment -- Providing problem explanation for ITS -- The Fawlty article tutor -- Towards an epistemology for Guided Discovery Tutoring: The Popperian connection -- Making processes visible: Scaffolding learning with reasoning-congruent representations -- Winch simulation: Multiple, linked representations of linear functions -- A learning environment based on multiple qualitative models -- EXPITS: an experimental environment on ITS -- Intelligent tutoring system for symbolic calculation -- Curriculum tree: A knowledge-based architecture for intelligent tutoring systems -- L'Assistance à l'usager dans DIGITEF: un mécanisme réutilisable -- Résolution par analogie de problèmes géométriques dans une

perspective tutorielle -- A pedagogical design and architecture for intelligent tutoring and aiding in supervisory control of complex systems -- Une architecture multiagent -- From elementary knowledge schemes towards heuristic expertise — Designing an its in the field of parallel programming -- Answering student queries: Functionality and mechanisms -- Instruction as reasoning about multiple objectives -- Représentation des connaissances dans un générateur de systèmes d'E. I.A.O -- Knowledge representation for an intelligent tutoring system based on a multilevel causal model -- Knowledge base compilation and the language design game -- Instructional expertise -- Cognitio: An extended computational theory of cognition -- Apport du style linguistique à la modélisation cognitive d'un elève -- A cognitive framework for Second Language error diagnosis -- Evaluation of Feature Based Modelling in subtraction -- Une modélisation de l'architecture cognitive d'un étudiant pour un système tutoriel intelligent -- Bootstrapping mental constructions: a learning system about negative numbers -- Towards the theory-guided design of help systems for programming and modelling tasks -- A new architecture for Intelligent Help Systems -- The UNIX Tutor -- Tuteurs Intelligents et Intelligence Artificielle: problèmes posés en construction de figures géométriques -- Génération d'exercices en algèbre, premières approches dans le cadre du projet APLUSIX -- ADAPT: Automated debugging in an adaptive Prolog tutor -- Reference network: A genetic model for Intelligent Tutoring Systems -- Form, frequency, markedness and strategies in second language performance modelling -- Why should an ITS bother with students' explanations? -- Student strategies for learning programming from a computational environment -- An intelligent language tutoring system for handling errors caused by transfer -- The application of cognitive diagnosis to the quantitative analysis of simple electrical circuits -- Student modeling and mastery learning in a computer-based programming tutor -- Application de la méthodologie du traçage de modèle à un environnement d'apprentissage utilisant une stratégie pédagogique non directive -- Prédiction du niveau d'acquisition des connaissances dans la modélisation de l'étudiant -- Instructional planning using focus of attention -- To contradict is human -- Mise en oeuvre d'un modèle de l'apprenant générique dans le système EDDI -- Student model diagnosis for adaptive instruction in ITS -- A systemic approach for student modelling in a multi-agent aided learning environment -- Diagnostic cognitif de l'apprenant par apprentissage symbolique -- Probabilistic student models: Bayesian Belief Networks and Knowledge Space Theory -- A framework for intelligent knowledge sequencing and task sequencing -- The use of pedagogic misrepresentation in tutorial dialogue -- Planification pédagogique: de l'expertise humaine à sa modélisation dans un STI -- COCA: A shell for intelligent tutoring systems -- Enhancing the instructional capabilities of Intelligent tutoring systems -- Measuring learning strategies and understanding: A research framework -- From testing to training: Evaluating automated diagnosis in statistics and algebra -- Detecting and reacting to the learner's motivational state -- Automated generation of examples for a tutorial in case-based argumentation -- The advantages of data flow diagrams for beginning programming -- Tools for teacher participation in ITS design -- Explanation in expert system shells: a tool for exploration and learning -- Intelligent tutoring with dumb software -- Using expert tutor knowledge to design a Self-Improving intelligent tutoring system -- Modelling expertise for educational purposes -- Distributed learning companion system: WEST revisited -- People power: A human-computer collaborative learning

system -- User modeling and architecture in industrial ITSs -- CHEMPROF: “The chemical literacy problem” -- The Grace Tutor: A qualified success.