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Sommario/riassunto	This volume contains a subset of the papers presented at the 10th Panhellenic Conference in Informatics (PCI 2005), which took place at the City of Volos, Greece, during November 11–13, 2005. After an international call for papers, 252 full papers were submitted. The number of the submitted papers constitutes a record number for the conference and reveals its growing dynamics. The authors represented universities and institutes from the following countries: Algeria, Bulgaria, China, Cyprus, Czech Republic, Finland, Greece, The Netherlands, Hungary, Italy, Japan, Korea, The Kingdom of Saudi

Arabia, Lebanon, Lithuania, Malaysia, Poland, Romania, Spain, Taiwan, Turkey, Ukraine, UK, and USA. Of the submitted papers, 81 were accepted for inclusion in this volume, giving an acceptance ratio of approximately 32.2%. The papers are classified into 17 thematic sections as follows: – data bases and data mining – algorithms and theoretical foundations – cultural and museum information systems – Internet-scale software/information systems – wearable and mobile computing – computer graphics, virtual reality and visualization – AI, machine learning and knowledge bases – languages, text and speech processing – bioinformatics – software engineering – educational technologies – e-business – computer and sensor hardware and architecture – computer security – image and video processing – signal processing and telecommunications – computer and sensor networks

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