Artificial intelligence (AI) is a dynamic field that is constantly expanding into new application areas, discovering new research challenges, and facilitating the development of innovative products. Today’s AI tools might not pass the Turing test, but they are invaluable aids in organizing and sorting the ever-increasing volume, complexity, and heterogeneity of knowledge available to us in our rapidly changing technological, economic, cultural, and social environment. This volume aims at bringing to the reader all the latest developments in this exciting and challenging field, and contains papers selected for presentation at the 6th Hellenic Conference on Artificial Intelligence (SETN 2010), the official meeting of the Hellenic Society for Artificial Intelligence (EETN). SETN 2010 was organized by the Hellenic Society of Artificial Intelligence and the Institute of Informatics and Telecommunications, NCSR ‘Demokritos’ and took place in Athens during May 4-7. Previous conferences were held at the University of Piraeus (1996), at the Aristotle University of Thessaloniki (2002), at the University of the Aegean (Samos, 2004, and Syros, 2008), and jointly at the Foundation for Research and Technology-Hellas (FORTH) and the University of Crete (2006). SETN conferences play an important role in disseminating innovative and high-quality scientific results by AI researchers, attracting not only EETN members but also scientists advancing and applying AI in many and diverse domains and from various Greek and international institutes. However, the most important aspect of SETN conferences is that they provide the context in which AI researchers meet and discuss their work, as well as an excellent opportunity for students to attend high-quality tutorials and get closer to AI results.

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