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Nota di contenuto	Mining Significant Usage Patterns from Clickstream Data -- Using and Learning Semantics in Frequent Subgraph Mining -- Overcoming Incomplete User Models in Recommendation Systems Via an Ontology -- Data Sparsity Issues in the Collaborative Filtering Framework -- USER: User-Sensitive Expert Recommendations for Knowledge-Dense Environments -- Analysis and Detection of Segment-Focused Attacks Against Collaborative Recommendation -- Adaptive Web Usage

Sommario/riassunto

This book contains the post workshop proceedings of the 7th International Workshop on Knowledge Discovery from the Web, WEBKDD 2005. The WEBKDD workshop series takes place as part of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD) since 1999. The discipline of data mining delivers methodologies and tools for the analysis of large data volumes and the extraction of comprehensible and non-trivial insights from them. Web mining, a much younger discipline, concentrates on the analysis of data pertinent to the Web. Web mining methods are applied on usage data and Web site content; they strive to improve our understanding of how the Web is used, to enhance usability and to promote mutual satisfaction between e-business venues and their potential customers. In the last years, the interest for the Web as medium for communication, interaction and business has led to new challenges and to intensive, dedicated research. Many of the infancy problems in Web mining have now been solved but the tremendous potential for new and improved uses, as well as misuses, of the Web are leading to new challenges.