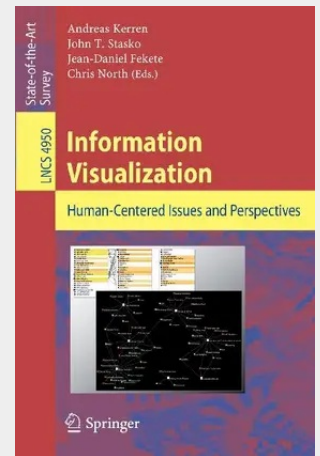


Information Visualization

Human-Centered Issues and Perspectives

From May 28 to June 1, 2007, a seminar on "Information Visualization – Human-Centered Issues in Visual Representation, Interaction, and Evaluation" (07221) took place at the International Conference and Research Center for Computer Science, Dagstuhl Castle, Germany. The center was initiated by the German government to promote informatics research at an international level. It seeks to foster dialog among the computer science research community, advance academic education and professional development, and transfer knowledge between academia and industry. The primary feature of Dagstuhl is its series of week-long seminars on various topics in computer science. Dagstuhl seminars are frequently described as being the most productive academic events that the participant researchers have ever experienced. The informal and friendly atmosphere fostered at the center promotes personal interaction between the guests. Traditionally, there is no set program followed at Dagstuhl seminars. Instead, the pace and the procedure are determined by the presentations offered during the seminar and the discussion results. Further general information about Dagstuhl seminars can be found on the Dagstuhl Castle webpage. Information visualization (InfoVis) is a relatively new research area, which focuses on the use of visualization techniques to help people understand and analyze data. While related fields such as scientific visualization involve the presentation of data that has some physical or geometric correspondence, information visualization centers on abstract information without such correspondences, i.e., information that cannot be mapped into the physical world in most cases.

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