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With the popularization of large-scale scientific literature database, the improvement of computer performance and the introduction of visualization technology in the past ten years, the research objects and contents of scientometrics have been extended to different levels and aspects of scientific research management: institution evaluation in science and technology development; analysis of the development trend of disciplines and fields; the macroscopic and microscopic structure, rule and operating mechanism of the development of science and technology. Scientometrics can provide reliable quantitative analysis basis for the formulation of science and technology policies in related fields. It is considered as a sub-field with great development prospect and potential in the field of information science.

This research direction is devoted to research of scientific measurement theory and method that can be applied to domain description and agency evaluation , focuses on the master and analysis to scientific activities mechanism, regularity and characteristics, mainly relies on large literature database, fully uses various types of measurement data and solve practical problems in scientific research management activities.

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