CONTENTS
Rafael Ball:
Preface 3

KEYNOTE SPEECH
Peter Weingart:
Evaluation of research performance: the danger of numbers 7

INTRODUCTION
Roland Wagner-Döbler:
The system of research and development indicators: entry-points for information agents 23

Barbara Stefaniak:
On the meaning of Journal Impact Factor values 33

Nancy K. Bayers:
The ISI database and bibliometrics: using ISI data in national and institutional analyses 41

APPLICATION STUDIES
H. Peter Ohly:
Bibliometric mapping of selected research fields 53

Frank Havemann:
Bibliometric indicators and their use for research evaluation: an analysis of highly productive biomedical teams

WEBMETRICS
Mike Thelwall:
Measuring scholarly communication on the web 77

Simone Fühles-Ubach:
Measuring website activity: about the difficulties of obtaining performance indicators 87

Andrei I. Zemskov and Michael V. Goncharov:
Why and how people are visiting websites 97

CASE STUDIES IN GERMANY

Matthias Winterhager:
Authorised bibliometrics for faculties of medicine in North Rhine-Westphalia: controlled indicators of institutional research performance 115

Johannes Stegmann and Günter Grohmann:
Bibliometric short-term analysis of the medical faculties of Germany's public universities 1993 - 1999. 125

Holger Schwechheimer:
Cocitation analysis - a tool for monitoring interdisciplinary research fronts. A case study on nanoscience 137

INTERNATIONAL CASE STUDIES

Jafar Mehrad and Mir Fazlollah Mousavi:
Journal selection policy and the contribution of Iranian researchers in international journals as specified in ISI 163

Ning Lu:
Bibliometric research in China - its history, achievements, and the new challenges with which it will be confronted in the future 175

Wanda Pindlowa:
Trends in information science in Poland: bibliometric analysis 195

RESEARCH INDICATORS

Jürgen Goebelbecker:
The role of publications in the new programme oriented funding of the Hermann von Helmholtz Association of National Research Centres (HGF) 207

Simon Sommer:
Bibliometric analysis and private research funding 217

Wolfgang Glänzel and Koenraad Debackere:
On the opportunities and limitations in using bibliometric indicators in a policy relevant context 225

AUTHORS

List of authors 239