# TABLE OF CONTENTS

Preface v

Conference Committee vi

I. Ajiferuke and J. Tague
A model for the full circulation data 1

A. Bookstein, E. O'Neil, M. Dillon and D. Stephens
Loglinear model of library acquisitions 17

B.C. Brookes
Biblio-, sciento-, infor-metrics??? What are we talking about? 31

T.A. Brooks
Perfect Bradford multipliers: a definition and empirical investigation 45

Q.L. Burrell
Empirical prediction of library circulations based on negative binomial processes 57

R.E. de Bruin and H.F. Moed
The unification of addresses in scientific publications 65

L. Egghe
New Bradfordian laws equivalent with old Lotka laws, evolving from a source-item duality argument 79

L. Egghe and R. Rousseau
Elements of concentration theory 97

W. Glänzel and A. Schubert
The cumulative advantage function. A mathematical formulation based on conditional expectations and its application to scientometric distributions 139

S.D. Haitun
Criteria of Gaussian/non-Gaussian nature of distributions and populations 149

D.H. Hall
Growth and citation selection rates in rapidly growing sciences from date stacking and bibliographic databases 163

H. Kretschmer
Social stratification of authors revealed from the coauthorship network 193

A.E. Little, R.M. Harris and P.T. Nicholls
Text to reference ratios in scientific journals 211

C.A. Macias-Chapula
Production and dissemination of the Mexican biomedical journals, with some considerations of the Latin American/Caribbean region 217

M.L. Pao and W. Goffman
Quality assessment of schistosomiasis literature 229
Table of Contents

B.C. Peritz
A citation analysis of clinical trials; are definitive studies less cited than others? 243

I.K.R. Rao
Journal productivity in economics 251

A.N. Tabah and A.J. Saber
Chaotic structures in informetrics 281

R. Todorov
Representing Canadian geophysics: a bibliometric approach 291

P. Vinkler
Bibliometric analysis of publication activity of a scientific research institute 309

F.L. Wilson and W.E. McGrath
Cluster analysis of title overlap in twenty-one library collections in Western New York 335

D. Wolfram, C.M. Chu and Xin Lu
Growth of knowledge: bibliometric analysis using online database data 355

M. Yitzhaki and D. Ben-Tamar
Multiple authorship in biochemistry and other fields; a case study of the journal of Biological Chemistry throughout 1905-1988 373

List of participants 391

Index 393