



**LIST OF CONTENTS**

<b>On the value of information from the information user's point of view</b> <b>A.J. Repo</b>	<b>1</b>
<b>Stage III of information systems technology</b> <b>M.E.D. Koenig</b>	<b>11</b>
<b>Some thoughts on the information economy</b> <b>W.J. Martin</b>	<b>34</b>
<b>Estimation of query cardinalities in numeric databases</b> <b>K. Järvelin</b>	<b>52</b>
<b>Tools for user prototyping</b> <b>S. Friis</b>	<b>71</b>
<b>Solving problems with the help of machines</b> <b>G.J. Dalenoort</b>	<b>83</b>
<b>An exploratory paradigm for online information retrieval</b> <b>M.J. Bates</b>	<b>91</b>
<b>Expert systems and the information intermediary: Tackling some of the problems of naive end-user search specification and formulation</b> <b>A.S. Pollitt</b>	<b>100</b>
<b>The challenge of information technologies to knowledge creation in the social sciences</b> <b>J.M. Brittain</b>	<b>109</b>
<b>Two experiments on the communication of knowledge through databases</b> <b>M.H. Heine</b>	<b>121</b>
<b>Developing and representing problem descriptions</b> <b>H.M. Brooks</b>	<b>141</b>

The user modelling function of an intelligent interface for document retrieval systems P.J. Daniels	162
“Co-word search”: A system for information retrieval B. Michelet, W. Turner	177
Augmented thesaurus for multicontextual descriptions G. Sandström	192
Project HYPERCATalog: Visions and preliminary conceptions of an extended and enhanced catalog R. Hjerppe	211
Natural intelligence and artificial intelligence A. Carsetti	233
Summary of the concluding discussion B.C. Brookes	240
Name and Subject Index	245

