

Contents

INTRODUCTION	<i>page vii</i>
I LEXICOGRAPHY, TEXTUAL ARCHIVES AND CONCORD- ANCE MAKING	
A. J. Aitken, Historical dictionaries and the computer	3
Roy Wisbey, Publications from an archive of computer-read- able literary texts	19
Brian O. Murdoch, The production of concordances from diplomatic transcriptions of Early Medieval German manu- scripts: some comments	35
II TEXTUAL EDITING AND ATTRIBUTION STUDIES	
Harold Love, The computer and literary editing: achievements and prospects	47
R. L. Widmann, The computer in historical collation: use of the IBM 360/75 in collating multiple editions of <i>A Mid- summer Night's Dream</i>	57
Alastair McKinnon and Roger Webster, A method of 'author' identification	65
III VOCABULARY STUDIES AND LANGUAGE LEARNING	
M. H. T. Alford, Computer assistance in language learning and in authorship identification	77
C. Dudrap and G. Emery, Sorting the French vocabulary according to word endings	87
Stephen Kanocz and Al Wolff, The role of the computer in selecting contemporary German prose for a beginners' (second stage) course	93
D. G. Burnett-Hall and P. Stupples, The use of word frequency in language course writing	103

IV **STYLISTIC ANALYSIS AND POETRY GENERATION**

- D. R. Tallentire, Mathematical modelling in stylistics: its extent and general limitations 117
- Patricia Köster, Computer stylistics: Swift and some contemporaries 129
- Joseph Leighton, Sonnets and computers: an experiment in stylistic analysis using an Elliott 503 computer 149
- Peggy I. Haskell, Collocations as a measure of stylistic variety 159
- Louis T. Milic, The possible usefulness of poetry generation 169

V **COMPUTER APPLICATIONS TO ORIENTAL STUDIES**

- R. D. Bathurst, Automatic alphabetization of Arabic words: a problem of graphic morphology and combinatorial logic 185
- Alan Jones, Some Oxford projects in oriental languages 191

VI **PROBLEMS OF INPUT AND OUTPUT**

- J. G. B. Heal, What to tell the programmer 201
- Eveline Wilson, The use of a formally defined structure for the input of data from the British Museum Catalogue of Printed Books 209
- R. F. Churchhouse and Susan Hockey, The use of an SC4020 for output of a concordance program 221

VII **PROGRAMMING THE COMPUTER FOR LITERARY AND LINGUISTIC RESEARCH**

- N. Hamilton-Smith, A versatile concordance program for a textual archive 235
- A. Colin Day, FORTRAN as a language for linguists 245
- M. F. Porter, Designing a programming language for use in literary studies 259
- Michael G. Farrington, POP-2 as a programming language for literary research 271
- B. H. Rudall, A command language for text processing 281
- E. B. James and Christine Allwright, A frequency count package for literary research: an example of literary program design 289