CONTENTS

SURVEY PAPER
49-55 Information Systems Planning: A Manifesto for Australian-Based Research
R.D. GALLIERS

CASE STUDY
56-62 The Transport Layer in a Microcomputer Network
M.R. FRY

SELECTED PAPERS FROM THE TENTH AUSTRALIAN COMPUTER SCIENCE CONFERENCE
63 Guest Editors' Introduction
64-68 A Linear Algorithm for Data Compression
R.P. BRENT
69-75 From a NIAM Conceptual Schema into the Optimal SQL Relational Database Schema
C.M.R. LELING and G.M. NIJSSEN
76-83 A Graphics Oriented Deductive Planning System
R.B. STANTON and H.G. MACKENZIE
84-91 Some Experiments in Decision Tree Induction
G.J. WILLIAMS
92-98 Reproducible Tests in CSP
C.J. FIDGE
99-104 Specifying the Static Semantics of Block Structure Languages
R. DUKE and D. JOHNSTON, and G.A. ROSE

SPECIAL FEATURES
68 Appointment of a New Editor
68 Call for Papers — ACSC-11
105-111 Book Reviews
112 The Journal's Referees