Contents

Editorial .................................................................................................................... 1

Microcomputers and education ........................................................................ 2-11
  Alex Maggs and Elaine Ray

Human-computer interaction and CAI: A review and prospectus ...... 12-20
  John G. Hedberg and Neil R. Perry

Computer videodisc education systems ................................................................. 21-38
  Raden Dunbar

Promises, promises - Viatel and education ......................................................... 39-46
  Peter Hosie

How media materials are used in university instruction:
Reports of selected university faculty members ........................................... 47-58
  Anne L. Russell

The Luria model of information processing ......................................................... 59-67
  John Angus

ATS-1 in perspective ............................................................................................. 68-75
  N. George Davies and E. Steve Seumahu

The efficiency of educational communications networks:
ATS-1 as a quasi-mass medium ........................................................................ 76-86
  James C. Lange
Editorial

This is the first issue of the *Australian Journal of Educational Technology*. Perhaps, in many years time, what you are holding may be a collector's item. What is more important is that this journal will continue to stimulate, to enthuse and, yes, to educate its readers as long as it exists.

The Australian Society for Educational Technology was established in 1977 and since that time has published a regular Yearbook.

The Yearbooks have always contained a variety of informative and useful articles and it soon became apparent that these deserved a wider readership. It is expected that the new title of *Journal* will reflect more accurately what is in the publication and will attract many readers (and subscribers) both in this country and overseas.

The direction of this new journal is not yet known but already enough articles have been received to publish a second issue immediately. It is quite likely that there will be at least two issues each year.

It is the feeling of this editorial board that the AJET should be both accurate and scholarly but that it should not become dessicated. Contributions which are clear, concise (and even entertaining) should be welcomed.

At the beginning of 1985, the Information Technologies seem to be developing at an exponential rate and Education is more important than it has ever been. The *Australian Journal of Educational Technology* is born at a most appropriate time.