

---

---

## Introduction

---

---

With this issue we resume publication of the long dormant Journal.

The first paper, by Denise Stilling and Dr. Glen Watson, of the University of Saskatchewan describes a matrix mathematics package suitable for a variety of numerical analysis problems. It is viewed as a building block package for more complex packages written in Forth.

Their paper is followed by that of Drs. Lind and Solnsteff, of McMaster University, on A Debugging Environment for Forth. The debugging environment is written in Turbo Pascal and provides visual user interface for controlling the execution of a Forth system.

The last paper in this issue is by Dr. Philip Koopman, of United Technologies Corporation. He has continued his research into efficient code execution on stack frame, or native Forth, processors, by examining local variable scheduling on the data stack.

Finally, we present the minutes of the ANS X3/J14 Forth Standard committee from meetings number 11 and 12.

Lawrence P. G. Forsley  
*Publisher, JFAR*