



**FINDING AID TO  
DAVID A. STUDEBAKER COMPUTER  
SCIENCE PAPERS, 1961-1966**

**Purdue University Libraries  
Virginia Kelly Karnes Archives and Special Collections  
Research Center  
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Processed by: Richard Bernier, August 22, 2014

## Descriptive Summary

<b>Creator Information</b>	Studebaker, David A., 1942 -
<b>Title</b>	David A. Studebaker Computer Science papers
<b>Collection Identifier</b>	MSA 296
<b>Date Span</b>	[1961-1966 ]
<b>Extent</b>	.65 cubic feet (2 mss. boxes)
<b>Finding Aid Author</b>	Richard R. Bernier, 2014
<b>Languages</b>	English
<b>Repository</b>	Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

## Administrative Information

<b>Location Information:</b>	Vault
<b>Access Restrictions:</b>	Collection is open for research.
<b>Acquisition Information:</b>	Donated by David A. Studebaker, May 4, 2014
<b>Accession Number:</b>	20140504
<b>Preferred Citation:</b>	MSA 296 - David A. Studebaker Computer Science papers, Karnes Archives and Special Collections, Purdue University Libraries
<b>Copyright Notice:</b>	Purdue University per deed of gift.

## **Subjects and Genres**

### **Organizations**

International Business Machines

### **Topics**

IBM 7090 (Computer)

RPC 4000 (Computer)—Programming

Computer programming Handbooks, manuals, etc.

COBOL (Computer program language)

### **Form and Genre Types**

Computer printouts

IBM aperture card systems

## **Biography of David A. Studebaker**

David A. Studebaker was one of the first students of computer science at Purdue, taking a non-credit Fortran II class in late 1962, around the time the Computer Science department was being established. He was a student worker in the Purdue Computing Center from 1963 to 1965. As a student teaching assistant, he taught two classes for Professor Donn Novotny. David graduated in 1965 with a Bachelor of Science in Mechanical Engineering, having taken the CS courses then available at Purdue. He has worked in software development since graduation.

## Collection Description

### Scope

The David A. Studebaker papers 1961-1966; .(4 cubic feet) documents the beginnings of the Computer Science Department at Purdue University. It contains computer program manuals created at Purdue University, computer punch cards with printouts, and a copy of "*Elements of Numerical Analysis*" by Dr. Sam Conte.

**Descriptive Rules** Describing Archives: A Content Standard

### Processing Information

Whenever possible, original order of the materials has been retained. All materials have been housed in polyester sleeves, acid-free folders, and acid-free boxes.

## DETAILED DESCRIPTION OF THE COLLECTION

### Box 1

1. Mimeographed textbook draft "Elements of Numerical Analysis" by Sam D. Conte.
2. IBM 7090 Computer Fortran and Computer Operations Guide -created for the computer installation at General Motors Allison Division in Indianapolis and used at Purdue as the initial operations documentation for the IBM 7090 computer.
3. RPC-4000 Basic Language Programming Notes -July 1961.
4. Fortran program listing and test output for the project "Tetrachoric Correlation Analysis" done for Steven G. Goldstein, PhD candidate in the Psychology Department.
5. Two punch card decks and two sample printouts. The card decks were designed to be processed on the IBM 1401 in a card reader to printer (1403NI) mode and print out images.

#### Punch card desks and printouts

- a. Punch card deck and printout image of Alfred E. Newman of Mad Magazine.
- b. Punch card deck for COBOL code for binary search routine.
- c. Printout of a Playboy Bunny image. Punch card deck is in box 2.

### Box 2

#### Punch card decks

- a. Punch card deck for printout of the holiday message "Bah Humbug."
- b. Punch card deck for printout of a Playboy Bunny image.