SDS SCIENTIFIC DATA SYSTEMS

SDS PROGRAM LIBRARY
PROGRAM DESCRIPTION

IDENTIFICATION: DES-1   (24K Version)

AUTHOR: SDS

ACCEPTED: September 23, 1966

COMPUTER
CONFIGURATION: Any DES-1 9300 Computer

PURPOSE: To solve differential equations.

PROGRAMMED
OPERATORS: None

SUBROUTINES
REQUIRED: None

STORAGE: N/A

TIMING: N/A

SOURCE
LANGUAGE: META-SYMBOL

LOADING
PROCEDURE: Refer to (980065A, DES-1 Reference Manual.)

USE: Refer to (980065A, DES-1 Reference Manual.)
                            (900886A, DES-1 Technical Manual.)

DES-1 system binary deck is provided to make a DES-1 system tape.

    1)   Mount a tape on magnetic tape unit zero at load point.

    2)   Load DES-1 binary deck with user library (if any).

    3)   Sense switch 4 on.

    4)   Standard load procedure from the card reader.

5)   After all the cards are read push EOF on card reader.

6)   Tape zero will be rewound and is the new DES-1 system tape.

The DES-1 system binary output consists of:

1)   Universal loader (600007)

2)   DES-1 system make

3)   Master executive

4)   Run-time executive

5)   Update processor

6)   Compiler

7)   DES-1 loader

8)   System library routines

9)   User's library routines (if any)