CSC 372 report1

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1 Abstract

2 Introduction

3 Why Matlab?

4 History

Matlab is a language invited by Cleve Moler, at first it was not a programming language, it was just a interactive matrix calculator. At 1970S, the author, Cleve Moler wants his student can use 'LINPACK' and 'EISPACK' to write program more conveniently, instead of using Fortran. Then he uses Fortran to write the first version of Matlab. And with the development of Matlab until today, it becomes a very important and popular language to scientist or scholars,
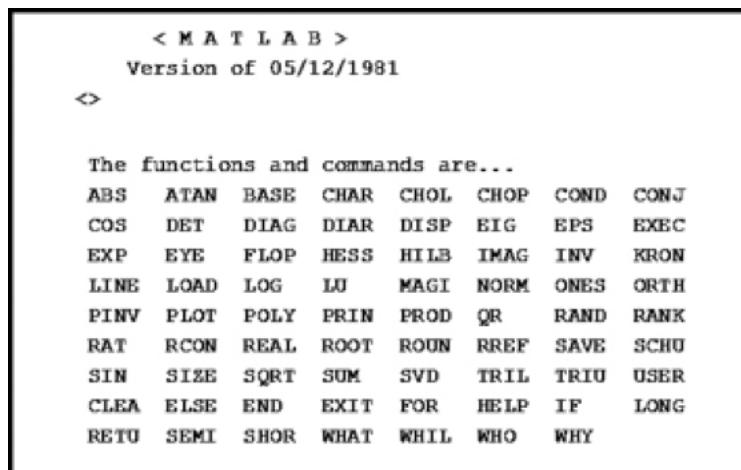
```
    < M A T L A B >
    Version of 05/12/1981
<>


The functions and commands are...
ABS    ATAN   BASE   CHAR   CHOL   CHOP   COND   CONJ
COS    DET    DIAG   DIAR   DISP   EIG    EPS    EXEC
EXP    EYE    FLOP   HESS   HILB   IMAG   INV    KRON
LINE   LOAD   LOG    LU     MAGI   NORM   ONES   ORTH
PINV   PLOT   POLY   PRIN   PROD   QR     RAND   RANK
RAT    RCON   REAL   ROOT   ROUN   RREF   SAVE   SCHU
SIN    SIZE   SQRT   SUM    SVD    TRIL   TRIU   USER
CLEA   ELSE   END    EXIT   FOR    HELP   IF     LONG
RETU   SEMI   SHOR   WHAT   WHIL   WHO    WHY
```

Figure 1: Early Version of Matlab