

# MATLAB

```

MATLAB! "
MATLAB language
# $%&' # $( ) '
1502140020
* +, - . / 2# 0
' 1 2# 3 32.0 ' 1 2# 4 0.0 56' 2# 3 0
78
    
```

91: %; <=>?@56ABCDEFGH MATLAB \$#I J KL 1 MNOPQR! STUF  
 VWX Y=>Z[ ( ) \?@] ^A\_#` aBCDE( bTUQ() ?Acdef ghTUi j  
 QkI FmnABCQoN[ pqAr s#` tuv1wxyQz{ X| =>} ~xy\?@56A  
 o#` z ! I N#" Q MATLABAE# 5\$%&' ayJ@?( 1A) \*' +, BCQt - Ar  
 s#` N MATLAB E# 5\$%&Qz{ X 92: . / <?@' OA#` 1 23^564567  
 Q?@89A: Eb; ?@Q<QS. /S?@89S?@e=q. Y45>?a?@O@Eb;  
 ?@Q( bADS. /S56<QBCDEF. |>#56G6H' I DJ KAL. /#` z !  
 I N#" Q MATLAB MNE# 5\$%&' ayJ@?( 1A) \*' +, BCQt - X

91: yJ@X 92: MATLAB OPQRX

91: 56ST. / 56QUVWXY562tAZ[ 56t - c\ ] DS^\_` aFbcS4  
 d56efSgh56STXi j 56kkl m. nopqdr 56STA56STQ( hMst  
 uvwS5E/YQ\$#xyXz 56t - KDJ{ | } , g3A~+ D! " 56#\$Ft - A  
 ~+N%#\$Q&' ( ) DJ \* +A, YNDJ MN( 4d56#\$Ft - AE - 56efA. ,  
 /O| } 1 2QA3X 56STQd456z 7 <5689S: ; S<=S56#` >8F5  
 63j X Y56<QS56?@S5689X | 56t - Q] DSAcX BC, K56t - O[  
 MQD\ EF BGHQ` aX I NDJ MN[ 56t - c\ 4d2tA+, J CQt J X K[ 5  
 67, eQLMefSN" Q%&c\4dSOJ Ah, P+QRA' [ 56S, TUQVWF"  
 cXYXZ56STMhadV[ 5QST[ ?A\s ] ] X ^i ; 56i \_nopqdr STA  
 ` 3ab45>?cdX 92: ef &6 3^STS56>17efF56STqg} ~h4X

> i j kl qAm MATLAB nwBa \* +, - K\* oL 1 7QMNpA\_qr \* , st A2016.8 k  
 e6 [1] uvwqAmx = MATLAB R2011apAyz { | { } } #, st A2011.11 [2] ~ A  
 MATLAB 1wx y > 1 A7 \* , st A2010.2

S56F < K89S.

|   |       |      |              |        |         |   |
|---|-------|------|--------------|--------|---------|---|
| w | 56F < | 89S. | 56<br>\<br>3 | #<br>3 | i<br>_# | C |
|---|-------|------|--------------|--------|---------|---|

|   |              |  |     |   |   |  |
|---|--------------|--|-----|---|---|--|
| 1 | MATLAB QoN   | 1. MATLABX 2. oN<br>. L<br>  j . # ( @ Qo<br>N. ! " ( &6K&<br>&6)X 3. QoNX | 6H\ | 2 | 1 |  |
| 2 | MATLAB Q I J | 1. oN MATLAB c \ c\<br>J X 2. oN MATLAB c \ D                              |     |   |   |  |