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>> diary darbas.txt

>> 5+2^12/(5^3\*12.458-1)

ans =

7.6320

>> x=5;

>> y=exp(x);

>> z=(5\*x^2+3\*x+3)/sqrt(5\*y+1);

>> format short

>> x, y, z

x =

5

y =

148.4132

z =

5.2459

>> x, y, z

x =

5

y =

148.4132

z =

5.2459

>> sqrt(3\*sqrt3)+cos^2(5)/ln3/4+2/3^-3+exp(2)

sqrt(3\*sqrt3)+cos^2(5)/ln3/4+2/3^-3+exp(2)

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

>> sqrt(3\*sqrt3)+cos^25/ln3/4+2/3^-3+exp(2)

Undefined function or variable 'sqrt3'.

Did you mean:

>> sqrt(3\*sqrt(3))+cos^25/ln3/4+2/3^-3+exp(2)

Error using cos

Not enough input arguments.

>> sqrt(3\*sqrt(3))+cos5^2/ln3/4+2/3^-3+exp(2)

Undefined function or variable 'cos5'.

Did you mean:

>> sqrt(3\*sqrt(3))+cos(5)^2/ln3/4+2/3^-3+exp(2)

Undefined function or variable 'ln3'.

>> sqrt(3\*sqrt(3))+cos(5)^2/ln(3)/4+2/3^-3+exp(2)

Undefined function or variable 'ln'.

>> sqrt(3\*sqrt(3))+cos(5)^2/log10(3)/4+2/3^-3+exp(2)

ans =

63.7107

>> sqrt(3\*sqrt(3))+cos(5)^2/log10(3)/(4+2/3^-3+exp(2))

ans =

2.2821

>> format short

>> sqrt(3\*sqrt(3))+cos(5)^2/(log10(3/4)+2/3^-3+exp(2))

ans =

2.2808

>> sqrt(3\*sqrt(3))+cos(5)^2/(log(tsobj)(3/4)+2/3^-3+exp(2))

Error: ()-indexing must appear last in an index

expression.

>> sqrt(3\*sqrt(3))+cos(5)^2/(log(3/4)+2/3^-3+exp(2))

ans =

2.2808

>> sqrt(3\*sqrt(3))+cos^2(5)/(log(3/4)+2/3^-3+exp(2))

sqrt(3\*sqrt(3))+cos^2(5)/(log(3/4)+2/3^-3+exp(2))

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

>> sqrt(3\*sqrt(3))+cosd(5)/(log(3/4)+2/3^-3+exp(2))

ans =

2.2958

>> sqrt(3\*sqrt(3))+cos\*cos(5)/(log(3/4)+2/3^-3+exp(2))

Error using cos

Not enough input arguments.

>> sqrt(3\*sqrt(3))+cos(5)\*cos(5)/(log(3/4)+2/3^-3+exp(2))

ans =

2.2808

>> sqrt(3\*sqrt(3))+2^cos(5)/(log(3/4)+2/3^-3+exp(2))

ans =

2.2994

>> sqrt(3\*sqrt(3))+cos(5)^2/(log(3/4)+2/3^-3+exp(2))

ans =

2.2808

>> sqrt(3\*sqrt(3))+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

ans =

2.2808

>> sqrt(3)\*sqrt(2,3))+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

sqrt(3)\*sqrt(2,3))+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

>> sqrt(3)\*sqrt(2,3)+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

Error using sqrt

Too many input arguments.

>> sqrt(3)\*sqrt(sqrt(3))+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

ans =

2.2808

>> y=sqrt(abs(x^2-5\*x+6/(x^2-7\*x+10)+1);

y=sqrt(abs(x^2-5\*x+6/(x^2-7\*x+10)+1);

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

Did you mean:

>> y=sqrt(abs(x^2-5\*x+6/(x^2-7\*x+10)+1));

>> x=-4.5;

>> y

y =

Inf

>> format short

>> x

x =

-4.5000

>> format short

>> y

y =

Inf

>> y=sqrt(abs(x^2-5\*x+6/(x^2-7\*x+10))+1);

>> x=-4.5;

>> format short

>> y

y =

6.6217

>> x

x =

-4.5000

>> x=5,2;

x =

5

>> x=5.2;

>> y

y =

6.6217

>> y=sqrt(abs(x^2-5\*x+6/(x^2-7\*x+10))+1);

>> x=5.2;

>> format short

>> y

y =

3.3786

>> int(sin(x)^2)

Undefined function 'int' for input arguments of

type 'double'.

>> sqrt(3)\*sqrt(sqrt(3))+cos(5)^2/(log(3/4)+2/3^(-3)+exp(2))

ans =

2.2808

>> (sqrt(3)\*sqrt(sqrt(3))+cos(5)^2)/(log(3/4)+2/3^(-3)+exp(2))

ans =

0.0386

>> (sqrt(3)\*sqrt(sqrt(3))+cos(5)^2)/(log(3/4)+2/3^(-3)+exp(2))

ans =

0.0386

>> (sqrt(3\*sqrt(3))+cos(5)^2)/(log(3/4)+2/3^(-3)+exp(2))

ans =

0.0386

>> (sqrt(3\*sqrt(3))+cos(5)^2)/(log(3/4)+(2/3)^(-3)+exp(2))

ans =

0.2253

>> x = -4.5;

>> y = sqrt(abs((x^2-5\*x+6)/(x^2-7\*x+10))+1)

y =

1.3377

>> x=5.2;

>> y

y =

1.3377

>> x=5.2;

>> y = sqrt(abs((x^2-5\*x+6)/(x^2-7\*x+10))+1);

>> y

y =

3.4641

>> x=10;

>> int(sin(x)^2)

Undefined function 'int' for input arguments of

type 'double'.

>> syms x

>> int(sin(x)^2)

ans =

x/2 - sin(2\*x)/4

>> A=[7 9 1;6 -8 2;5 7 3]

A =

7 9 1

6 -8 2

5 7 3

>> B=[123;234;456]

B =

123

234

456

>> B=[1 2 3;2 3 4;4 5 6]

B =

1 2 3

2 3 4

4 5 6

>> C=[7 0 1]

C =

7 0 1

>> D=[5;6;-4]

D =

5

6

-4

>> A+B

ans =

8 11 4

8 -5 6

9 12 9

>> A\*B

ans =

29 46 63

-2 -2 -2

31 46 61

>> S1=A.\*B

S1 =

7 18 3

12 -24 8

20 35 18

>> Btr=B'

Btr =

1 2 4

2 3 5

3 4 6

>> Atv=inv(A)

Atv =

0.1484 0.0781 -0.1016

0.0312 -0.0625 0.0313

-0.3203 0.0156 0.4297

>> DT=det(A)

DT =

-256

>> % Matricos A dydžio nustatymas;

>> [mA, nA]=size(A)

mA =

3

nA =

3

>> % Matricos B dydžio nustatymas;

>> [mB, nB]=size(B)

mB =

3

nB =

3

>> % Vektoriaus C dydžio nustatymas;

>> nC=length(C)

nC =

3

>> A2=A(:,2)

A2 =

9

-8

7

>> B3=B(3,:)

B3 =

4 5 6

>> E=[A; C]

E =

7 9 1

6 -8 2

5 7 3

7 0 1

>> A(3,:)=[]

A =

7 9 1

6 -8 2

>> B(:,1)=[]

B =

2 3

3 4

5 6

>> F=[B; A(:,1:2)]

F =

2 3

3 4

5 6

7 9

6 -8

>> B(1,:)=A(:,3)'

B =

1 2

3 4

5 6

>> A(6,6);

Index in position 1 exceeds array bounds (must not

exceed 2).

>> A(6,6)

Index in position 1 exceeds array bounds (must not

exceed 2).

>> A=(6,6)

A=(6,6)

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

>> A= randi(6,6)

A =

5 2 6 5 5 5

6 4 3 6 5 1

1 6 5 4 5 2

6 6 1 1 3 1

4 1 3 6 4 1

1 6 6 6 2 5

>> C = randi(4)

C =

3

>> C = randi(4,1)

C =

2

>> B=[A(:,2:5);A(:,1:4)]

B =

2 6 5 5

4 3 6 5

6 5 4 5

6 1 1 3

1 3 6 4

6 6 6 2

5 2 6 5

6 4 3 6

1 6 5 4

6 6 1 1

4 1 3 6

1 6 6 6

>> B\*C

ans =

4 12 10 10

8 6 12 10

12 10 8 10

12 2 2 6

2 6 12 8

12 12 12 4

10 4 12 10

12 8 6 12

2 12 10 8

12 12 2 2

8 2 6 12

2 12 12 12

>> (B\*C)'

ans =

Columns 1 through 8

4 8 12 12 2 12 10 12

12 6 10 2 6 12 4 8

10 12 8 2 12 12 12 6

10 10 10 6 8 4 10 12

Columns 9 through 12

2 12 8 2

12 12 2 12

10 2 6 12

8 2 12 12

>> B[:,4]=C

B[:,4]=C

↑

Error: Invalid expression. When calling a function

or indexing a variable, use parentheses. Otherwise,

check for mismatched delimiters.

>> B(:,4)=C

B =

2 6 5 2

4 3 6 2

6 5 4 2

6 1 1 2

1 3 6 2

6 6 6 2

5 2 6 2

6 4 3 2

1 6 5 2

6 6 1 2

4 1 3 2

1 6 6 2

>> det(B)

Error using det

Matrix must be square.

>> B=[A(2:5,:);A(:,1:4)]

Error using vertcat

Dimensions of arrays being concatenated are not

consistent.

>>