

*Script_TP01_Application_03

```
% APPLICATION 3:
```

```
x=deg2rad(27)
```

```
y1=(( (4/3)*x^2+5)/((2/5)+5*cos((2+x)/8)))+(5*sin(x)/3)
```

```
y2=(( (1/5)*cos((1/3)+((2*x^2+3)/((2/5)+6*cos((1/3)+(2+x)/2)))))+...  
((sin(x)+3)/5)+((1+x)/7))/((1/12)+(cos(pi+(x/12)))^3)
```

*Commande window

```
>> TP1_Application_03
```

```
x =
```

```
0.4712
```

```
y1 =
```

```
1.7824
```

```
y2 =
```

```
-0.8199
```

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FILE NAVIGATE EDIT BREAKPOINTS RUN

Current Folder: F:\Abdelhadi\logiciels\Program files\Matlab R2021a\applications

Name ▲

TP1_Application_01.m
 TP1_Application_02.m
 TP1_Application_03.m

Editor - F:\Abdelhadi\logiciels\Program files\Matlab R2021a\applications\TP1_Application_03.m

```

1  % APPLICATION 3:
2  x=deg2rad(27)
3  y1=((4/3)*x^2+5)/((2/5)+5*cos((2+x)/8))+(5*sin(x)/3)
4  y2=((1/5)*cos((1/3)+(2*x^2+3)/((2/5)+6*cos((1/3)+(2+x)/2))))+...
5  ((sin(x)+3)/5)+((1+x)/7)/((1/12)+(cos(pi+(x/12)))^3)

```

Workspace

Name ▲	Value
x	0.4712
y1	1.7824
y2	-0.8199

Command Window

New to MATLAB? See resources for [Getting Started](#).

```
>> TP1_Application_03
```

```

x =
    0.4712

```

```

y1 =
    1.7824

```

```

y2 =
   -0.8199

```

```
fx >>
```

Details

UTF-8

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