

Tugas 5 Visualisasi Data

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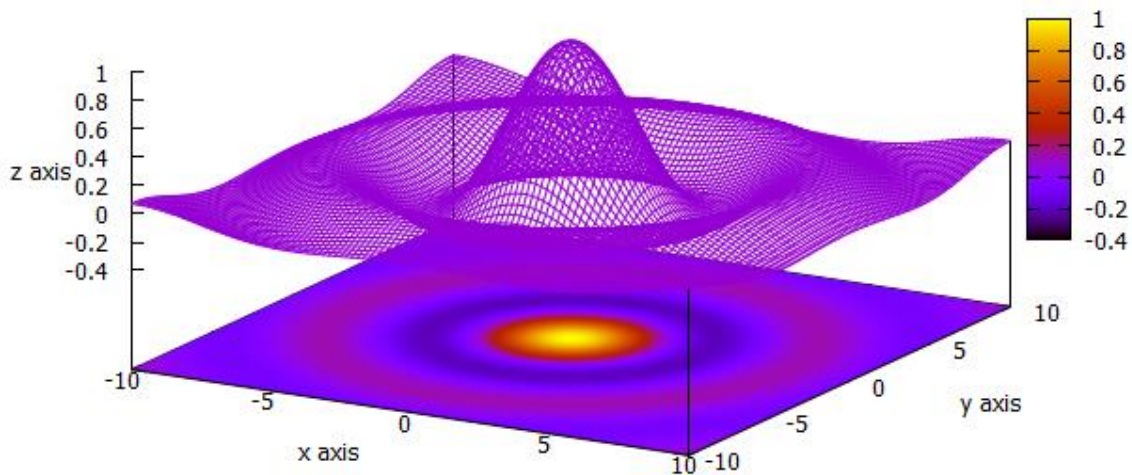
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Soal 1

```
5_Tugas_1.plt 5_Tugas_2.plt
1 set xlabel "x axis"
2 set ylabel "y axis"
3 set zlabel "z axis"
4
5 set xrange [-10:10]
6 set yrange [-10:10]
7
8 set pm3d at b
9 set isosample 100
10
11 splot sin((x**2 + y**2)**0.5) / ((x**2 + y**2)**0.5) t
    "sin(sqrt(x^2+y^2)) / (sqrt(x^2+y^2))"
12
```

$\sin(\sqrt{x^2+y^2}) / (\sqrt{x^2+y^2})$ —



Soal 2

```
5_Tugas_1.plt x 5_Tugas_2.plt x
1 set xlabel "x axis"
2 set ylabel "y axis"
3 set zlabel "z axis"
4
5 set xrange [-12:12]
6 set yrange [-12:12]
7 set hidden3d
8 set isosample 50
9
10 set contour
11 set cntrparam levels 10
12
13 set nosurface
14 set view 0, 0
15
16 splot sin((x**2 + y**2)**0.5) / ((x**2 + y**2)**0.5) t ""
17
```

