3D plot in GNUPLOT
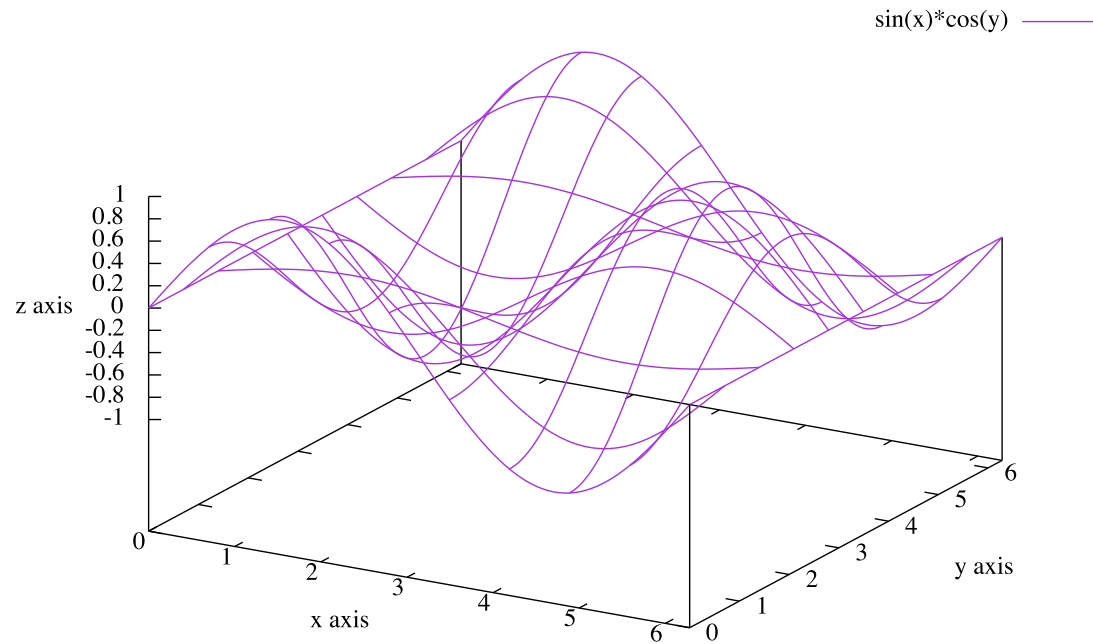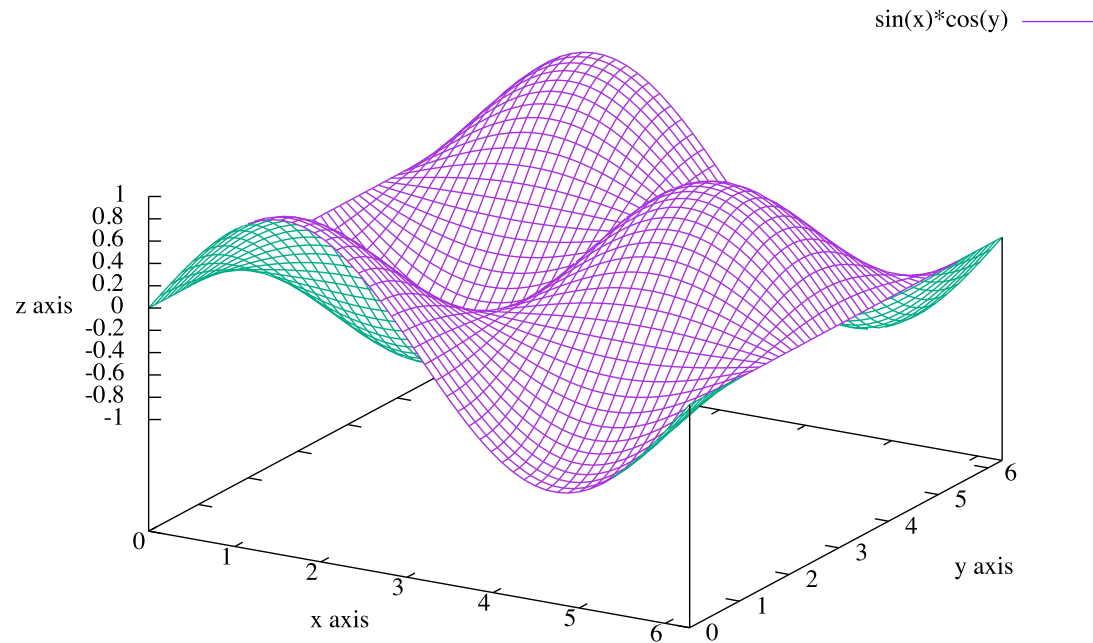
IKN

How to plot 3D?

- splot sin(x)*cos(y)
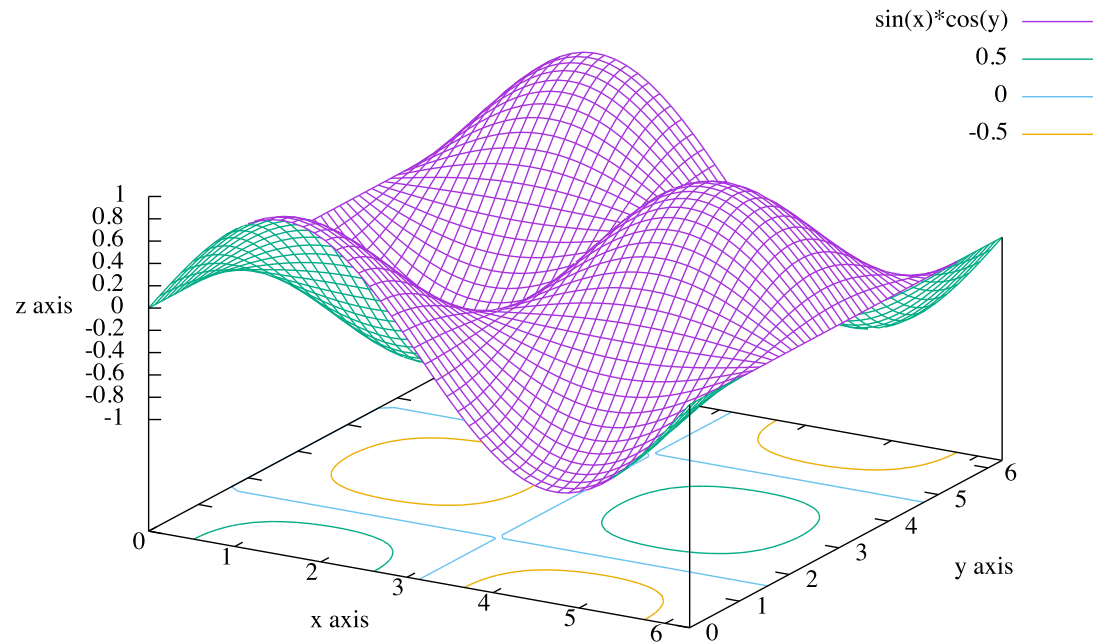
How to plot a surface using hidden3d?

- set `hidden3d`
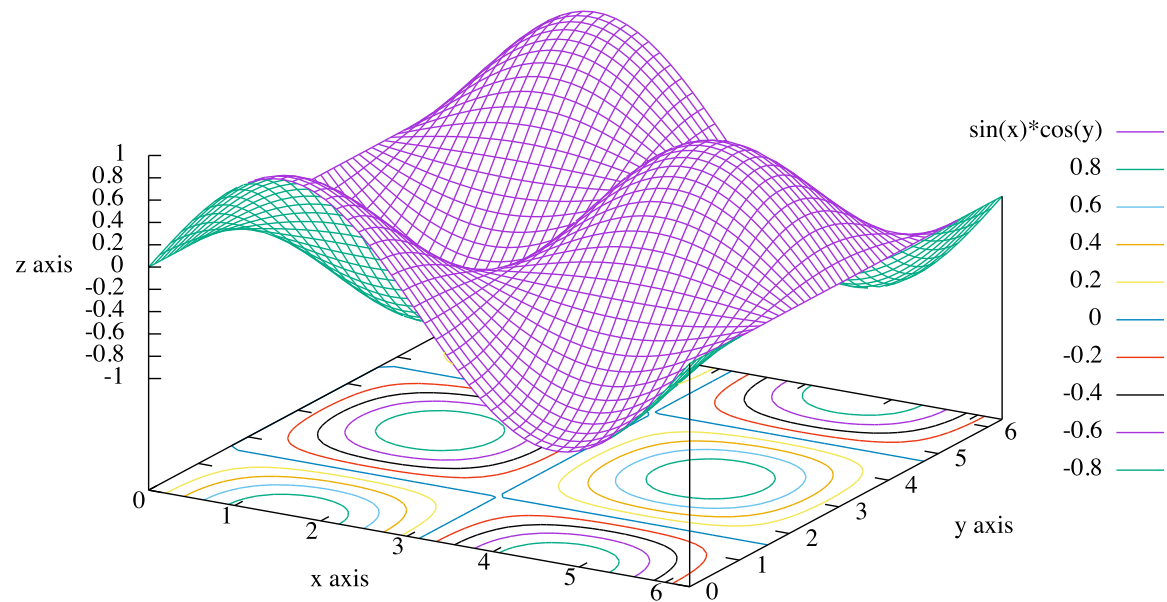- set `isosample 50`
- splot `sin(x)*cos(y)`

How to plot a contour on the bottom?

- set `hidden3d`
- set `isosample 50`
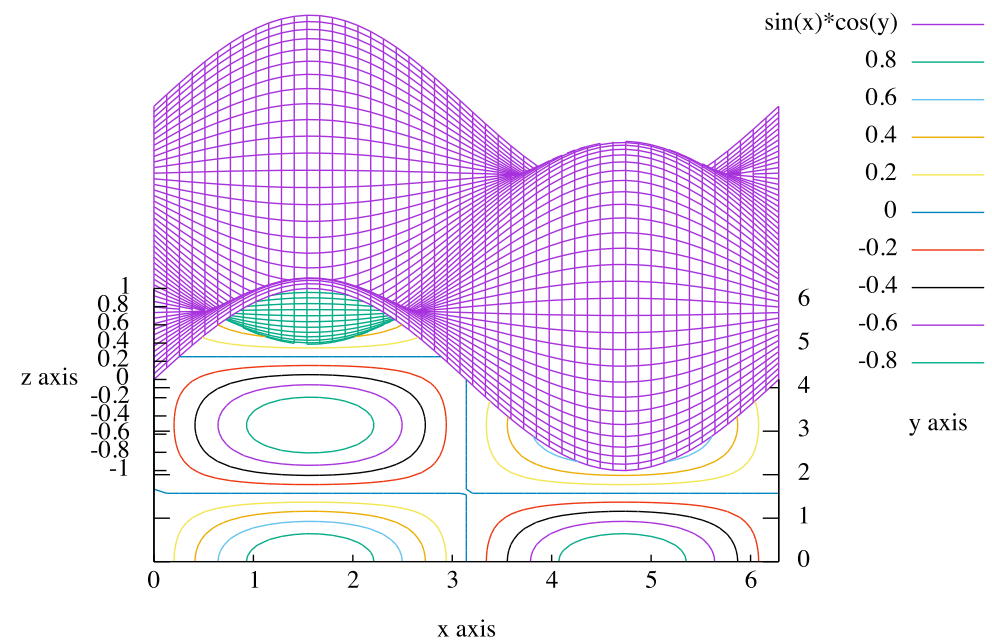- set `contour`
- splot sin(x)*cos(y)

How to specify the contour level?

- `set hidden3d`
- `set isosample 50`
- `set contour`
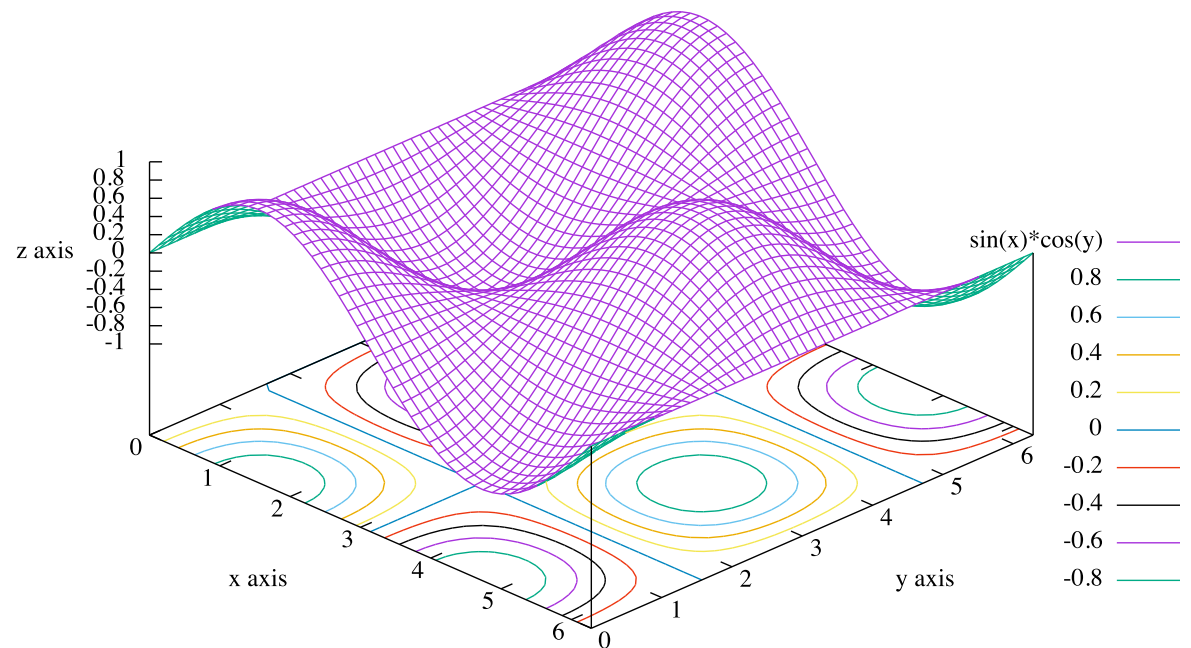- `set cntrparam levels 10`
- `splot sin(x)*cos(y)`

How to change the view?

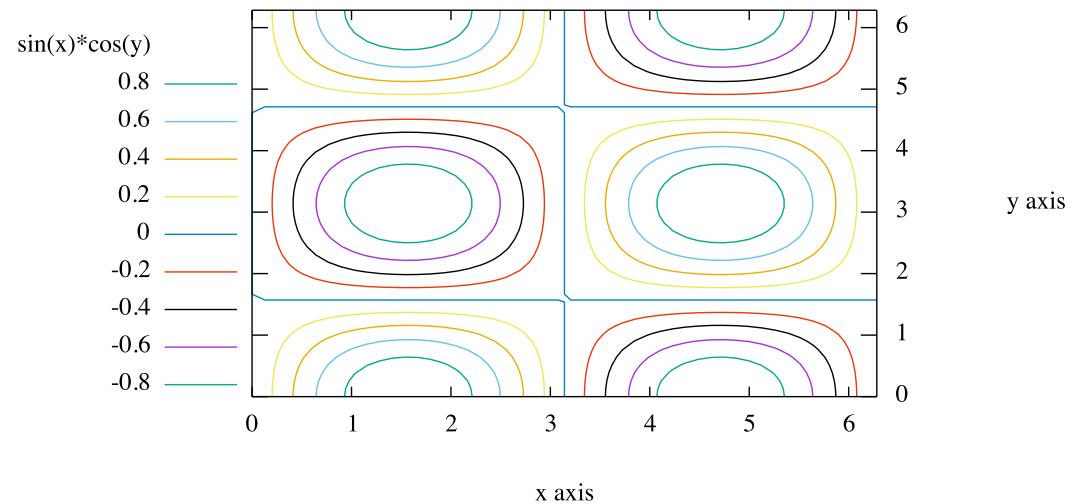- set view (x rotation), (z rotation)

- set view 45,0

How to change the view?

- set view (x rotation), (z rotation)
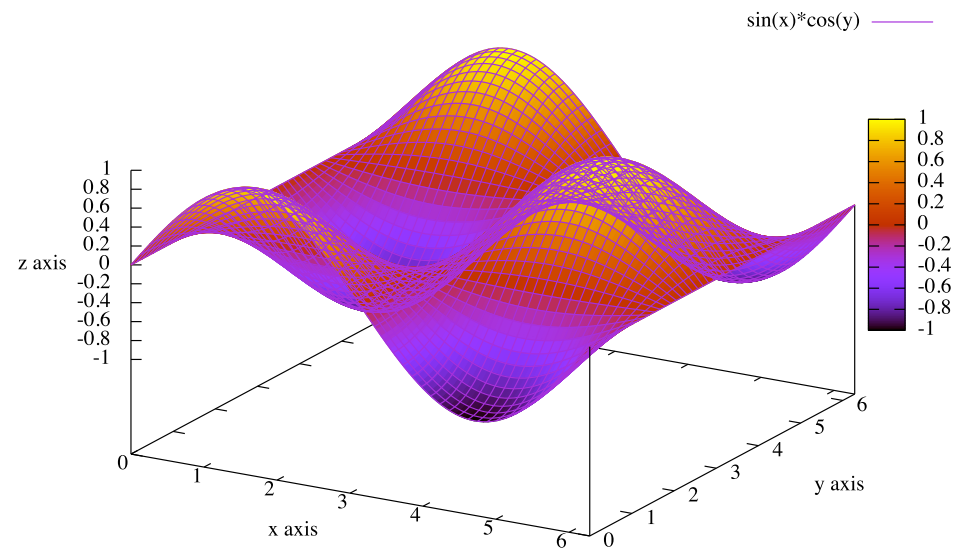
- `set view 45,45`

How to obtain 2D plot of the contour?

- `set hidden3d`
- `set isosample 50`
- `set nosurface`
- `set contour`
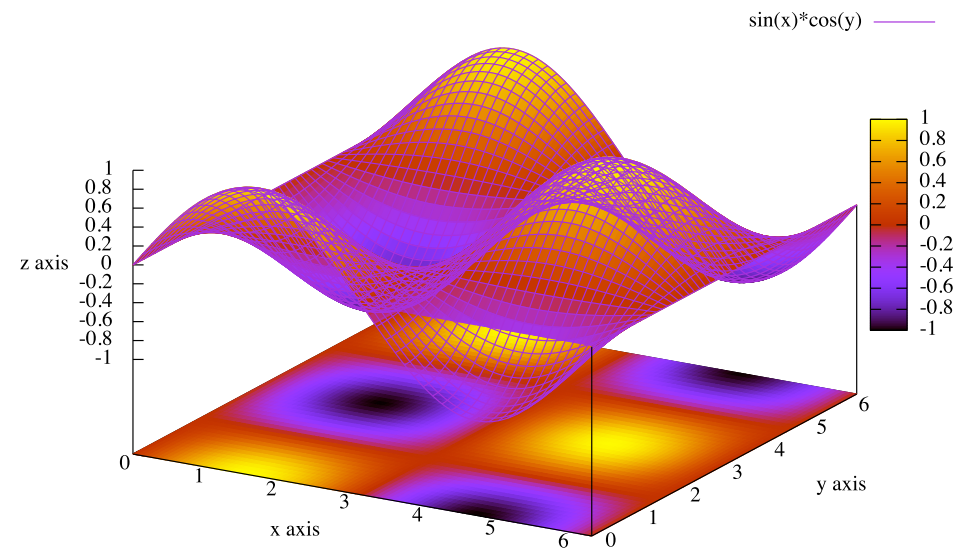- `set cntrparam levels 10`
- `set view 0,0`
- `splot sin(x)*cos(y)`

How to plot a colored map using pm3d?

- set `pm3d`
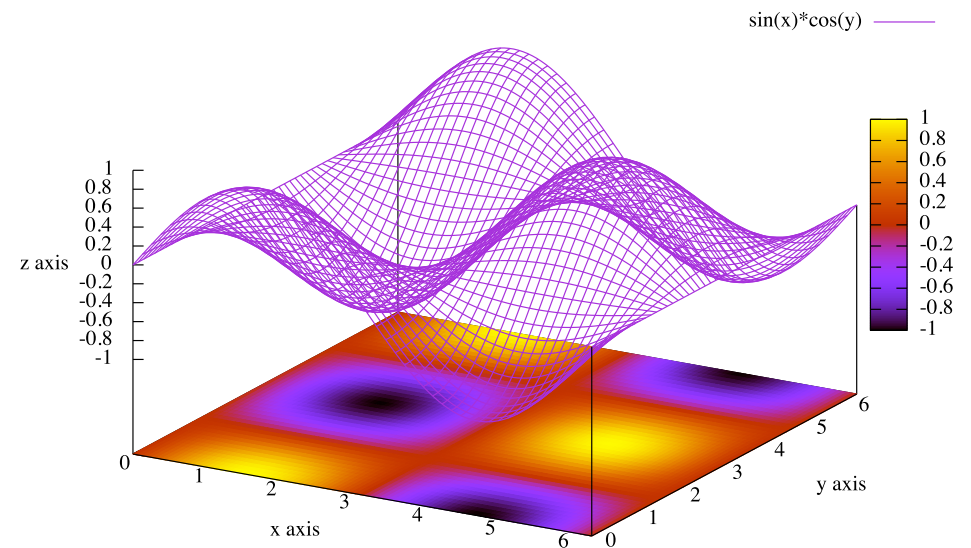- set `isosample 50`
- `splot sin(x)*cos(y)`

How to put the colored map in the surface and bottom?

- set pm3d at sb

- set isosample 50

- splot sin(x)*cos(y)

How to put the colored map on the bottom only?

- set pm3d at b
- set isosample 50
- splot sin(x)*cos(y)

How to obtain 2D plot of colored map on the bottom?

- set `pm3d map`
- set `isosample 50`
- `splot sin(x)*cos(y)`