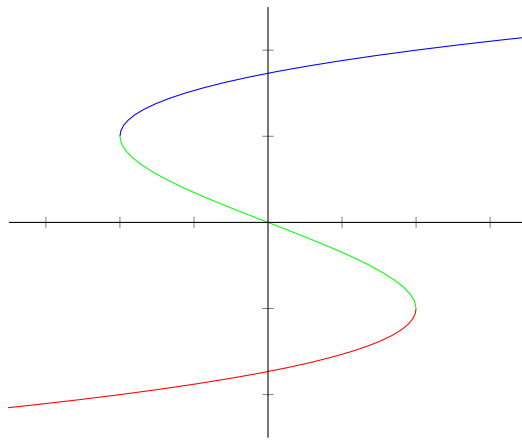# Tikz gallery

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Contour plot, view from top


```
1  \begin{tikzpicture}
2  \begin{axis}[
3    title={Contour plot, view from top},
4    view={0}{90},
5    axis lines=middle,
6    axis line style={-},
7    xticklabels={},
8    yticklabels={},
9    xtick={-3,-2,...,3},
10   ytick={-2,-1,...,2},
11   xmin=-3.5, xmax=3.5,
12   ymin=-2.5, ymax=2.5,
13 ]
14   \addplot3[
15     contour gnuplot={
16       levels={0},
17       labels=false,
18       draw color=red
19     },
20     domain y=-2.5:-1
21   ]
22   {y^3-3*y-x};
23
24   \addplot3[
25     contour gnuplot={
26       levels={0},
27       labels=false,
```

```
28        draw color=green
29      },
30      domain y=-1:1
31    ]
32    {y^3-3*y-x};
33
34    \addplot3[
35      contour gnuplot={
36        levels={0},
37        labels=false,
38        draw color=blue
39      },
40      domain y=1:2.5
41    ]
42    {y^3-3*y-x};
43  \end{axis}
44 \end{tikzpicture}
```