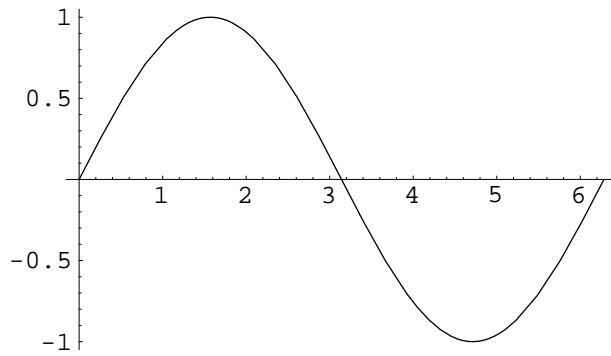


# Basic Graphics

## ■ Basic Graphics Commands

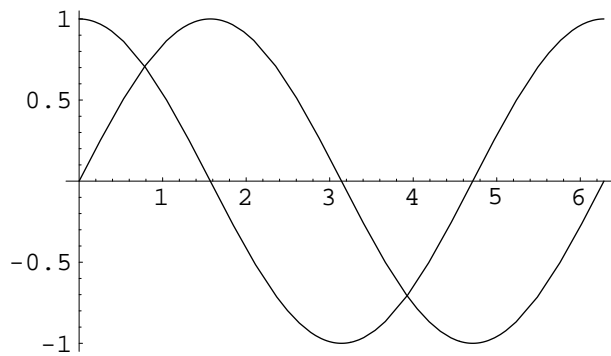
### ■ Function plot

```
g1 = Plot[Sin[x], {x, 0, 2 π}]
```



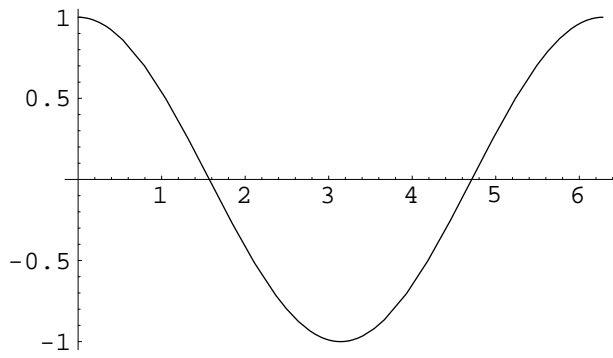
- Graphics -

```
g2 = Plot[{Sin[x], Cos[x]}, {x, 0, 2 π}]
```



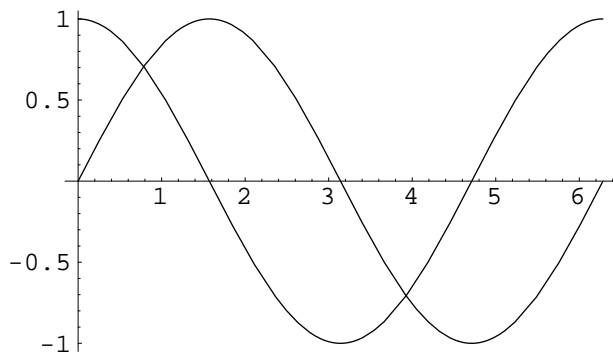
- Graphics -

```
g3 = Plot[Cos[x], {x, 0, 2 π}]
```



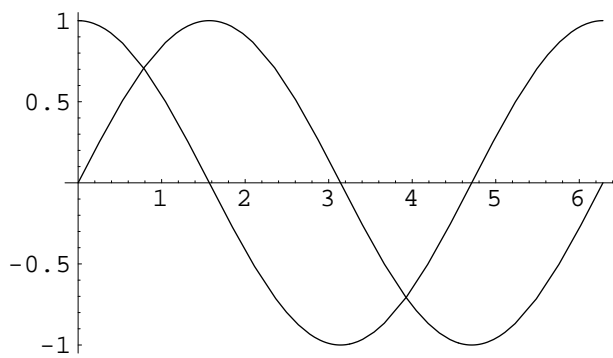
- Graphics -

```
g4 = Show[g1, g3]
```



- Graphics -

```
Show[g4]
```



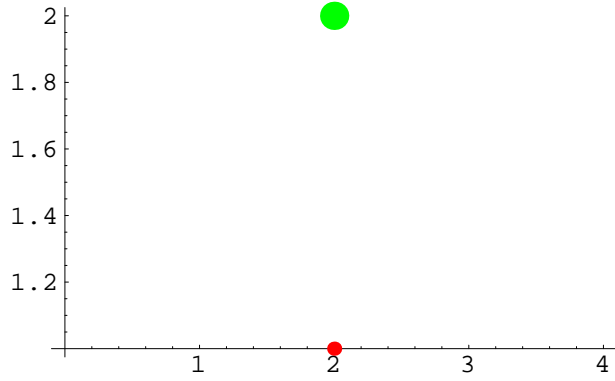
- Graphics -

Geometrical ideas are primitives, whereas the tools we use are directives.

```
g11 = Graphics[Point[{2, 1}]]
```

- Graphics -

```
Show[Graphics[{
  {RGBColor[1, 0, 0], PointSize[.025], Point[{2, 1]}},
  {RGBColor[0, 1, 0], PointSize[.05], Point[{2, 2]}}
}, Axes -> True]
```



- Graphics -