

# EvenOddSinusoidPlot[] Examples

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```
? EvenOddSinusoidPlot
```

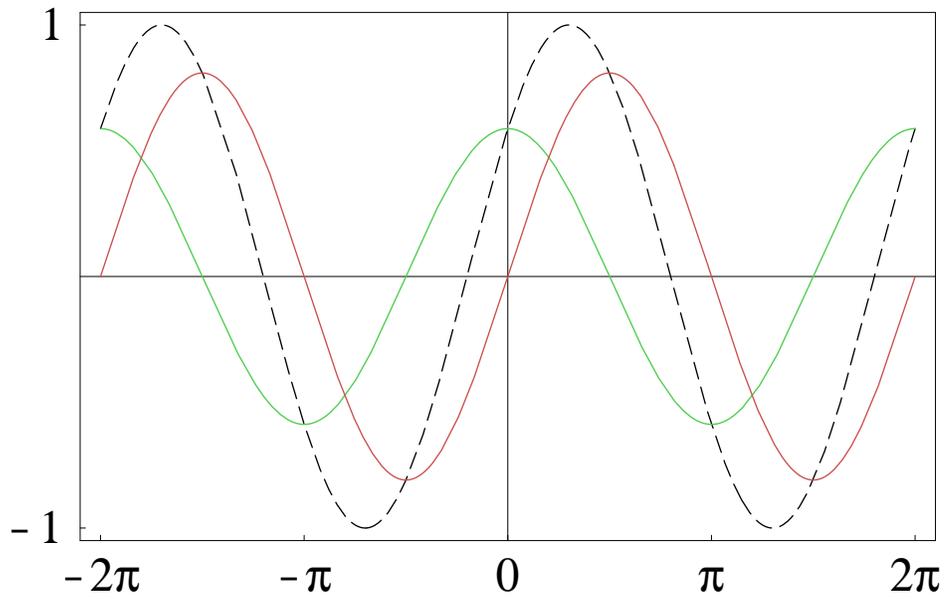
```
EvenOddSinusoidPlot[phaseShift, plotOptions...] plots two cycles of a sine wave with the given phase as a dashed line along with the cosine (even) and sine (odd) functions with no phase that add together to give the phase-shifted sine function. Same options as EvenOddPlot. Alias: EOSPlot
```

```
In[33]:= Options@EOSPlotD
```

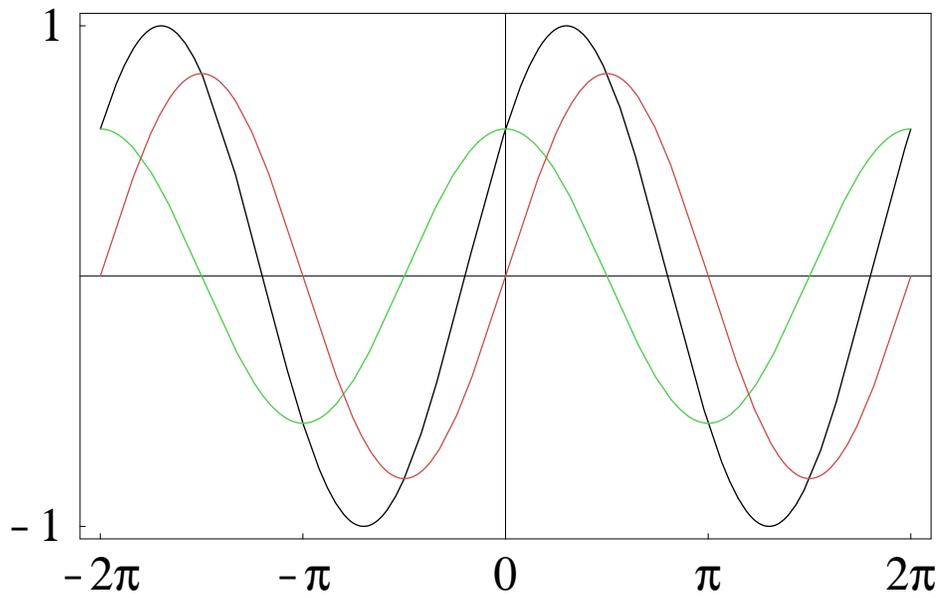
```
Out[33]= {OddStyle -> RGBColor@0.8, 0.3, 0.3D, EvenStyle -> RGBColor@0.3, 0.8, 0.3D<
```

```
In[2]:= phase =  $\frac{\pi}{5}$ ;
```

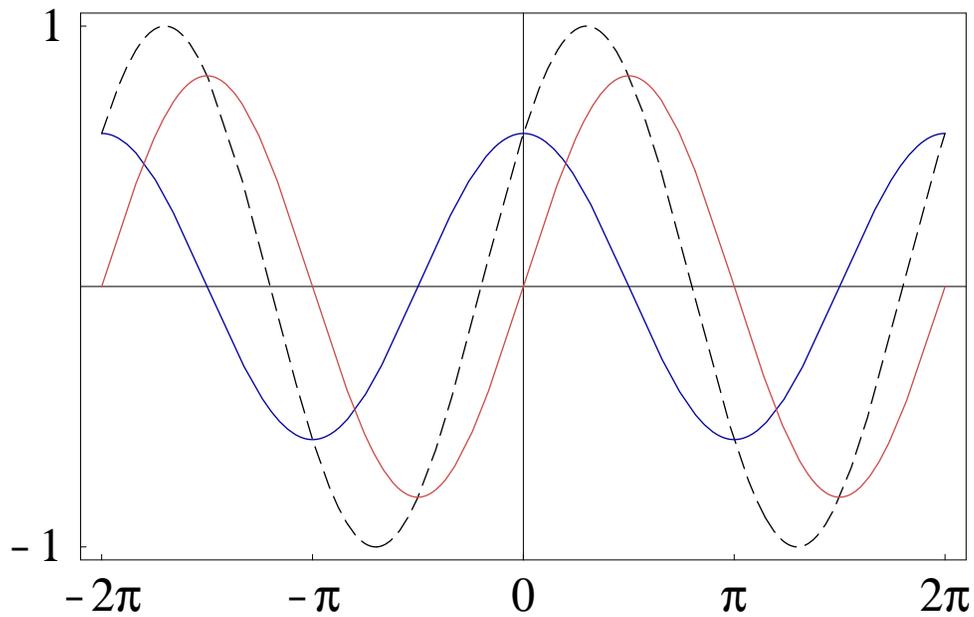
```
In[3]:= EOSPlot@phaseD;
```



```
In[4]:= EOSPlot@phase, PlotStyle -> 8<D;
```



```
In[5]:= EOSPlot@phase, EvenStyle -> RGBColor@0, 0, 0.6D, Ticks -> NoneD;
```



```
In[6]:= BlockA8$DisplayFunction = Identity<,
  various = TableAEOSPlotAphase, PlotStyle -> RGBColor@1, 1, 1D, Frame -> False,
    Axes -> False, AspectRatio ->  $\frac{1}{2.5}$ E, 9phase, 0,  $2\pi - \frac{\pi}{8}$ ,  $\frac{\pi}{16}$ =EE;
  Show@variousD;
```

