

# EvenOddPlot[] Examples

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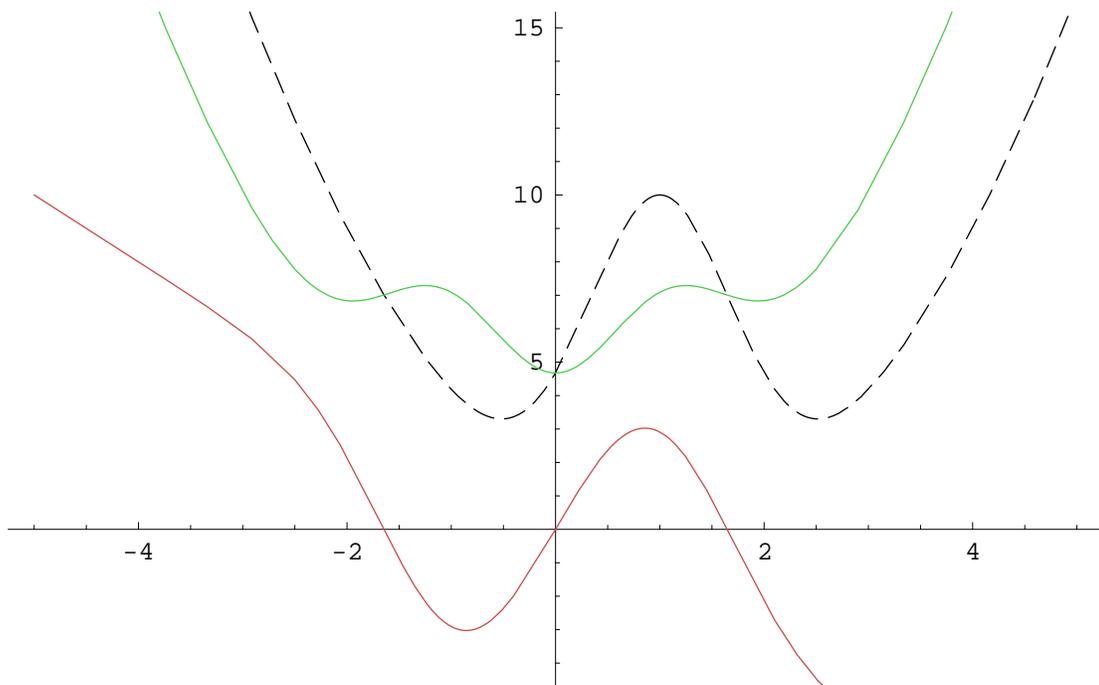
1 Feb 1997

? EvenOddPlot

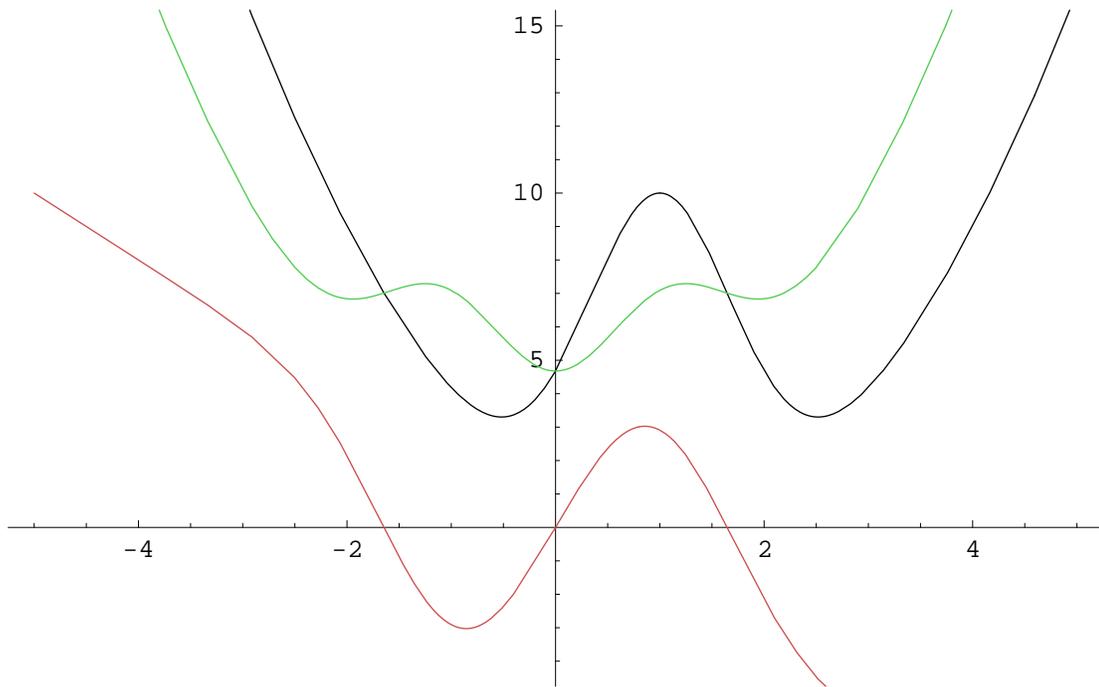
EvenOddPlot[function, range, plotOptions...] plots the given function as well as plotting the even and odd parts of the functions over the given range. Options are the same as for Plot[], plus there is EvenStyle and OddStyle to control the style of the even and odd function lines. Alias: EOPlot

```
In[27]:= function = Hx - 1L2 + 10 E-Hx-1L2;
```

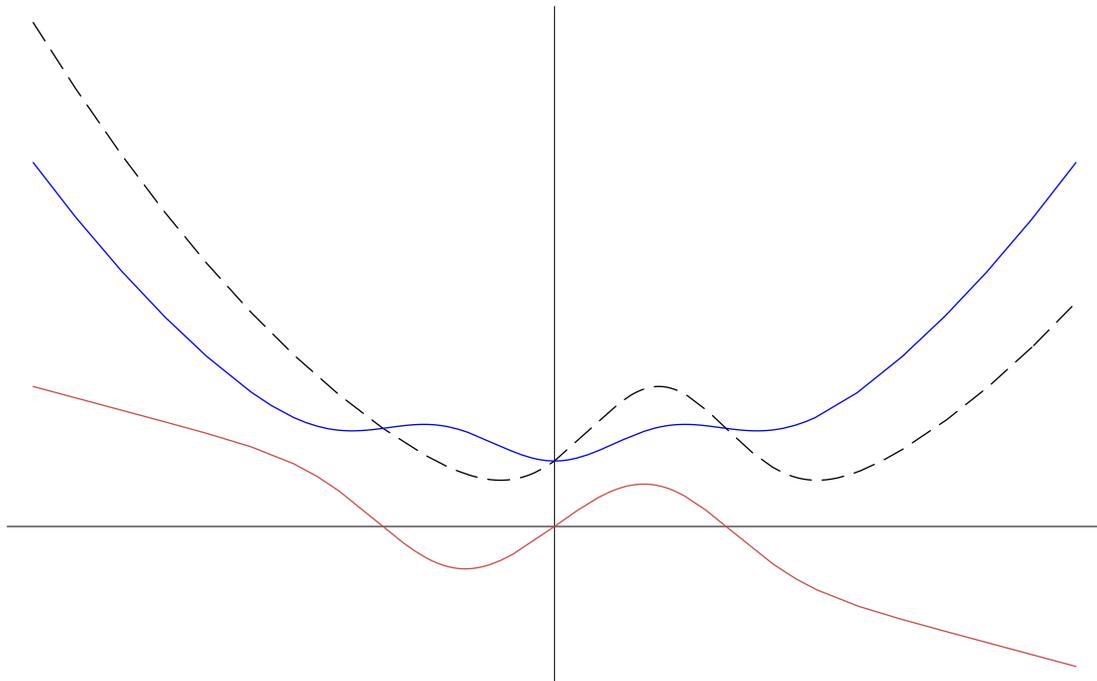
```
In[28]:= EOPlot@function, 8x, -5, 5<D;
```



```
In[29]:= EOPlot@function, 8x, -5, 5<, PlotStyle -> 8<D;
```



```
In[30]:= EOPlot@function, 8x, -5, 5<, EvenStyle -> RGBColor@0, 0, 1D, Ticks -> None, PlotRange -> AllD;
```



```
In[31]:= EOPlotAfunction, 8x, -5, 5<, OddStyle -> Hue@0.4D, Frame -> True,  
AspectRatio ->  $\frac{1}{2.5}$ , DefaultFont -> 8"Symbol", 20<E;
```

