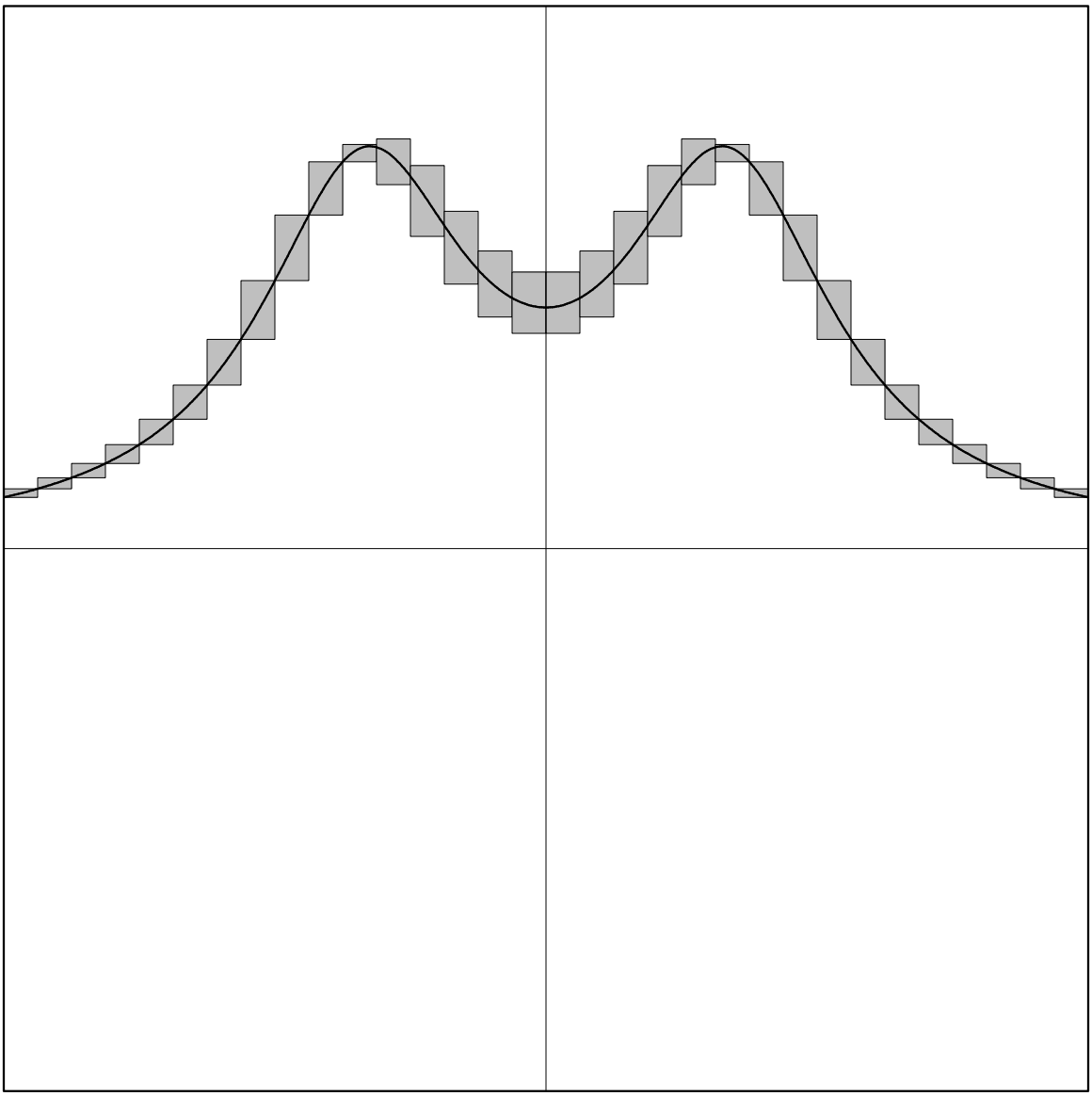
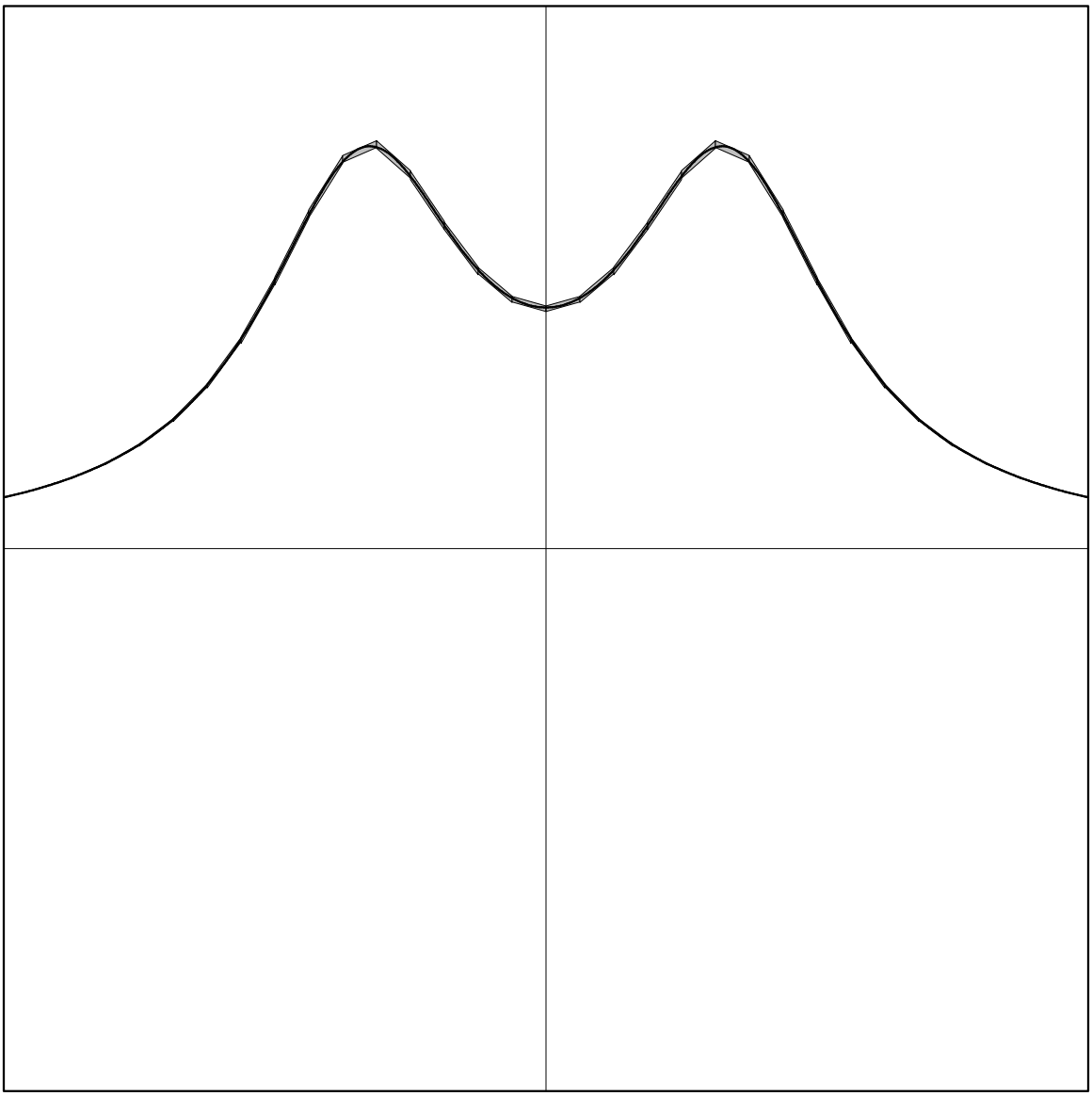


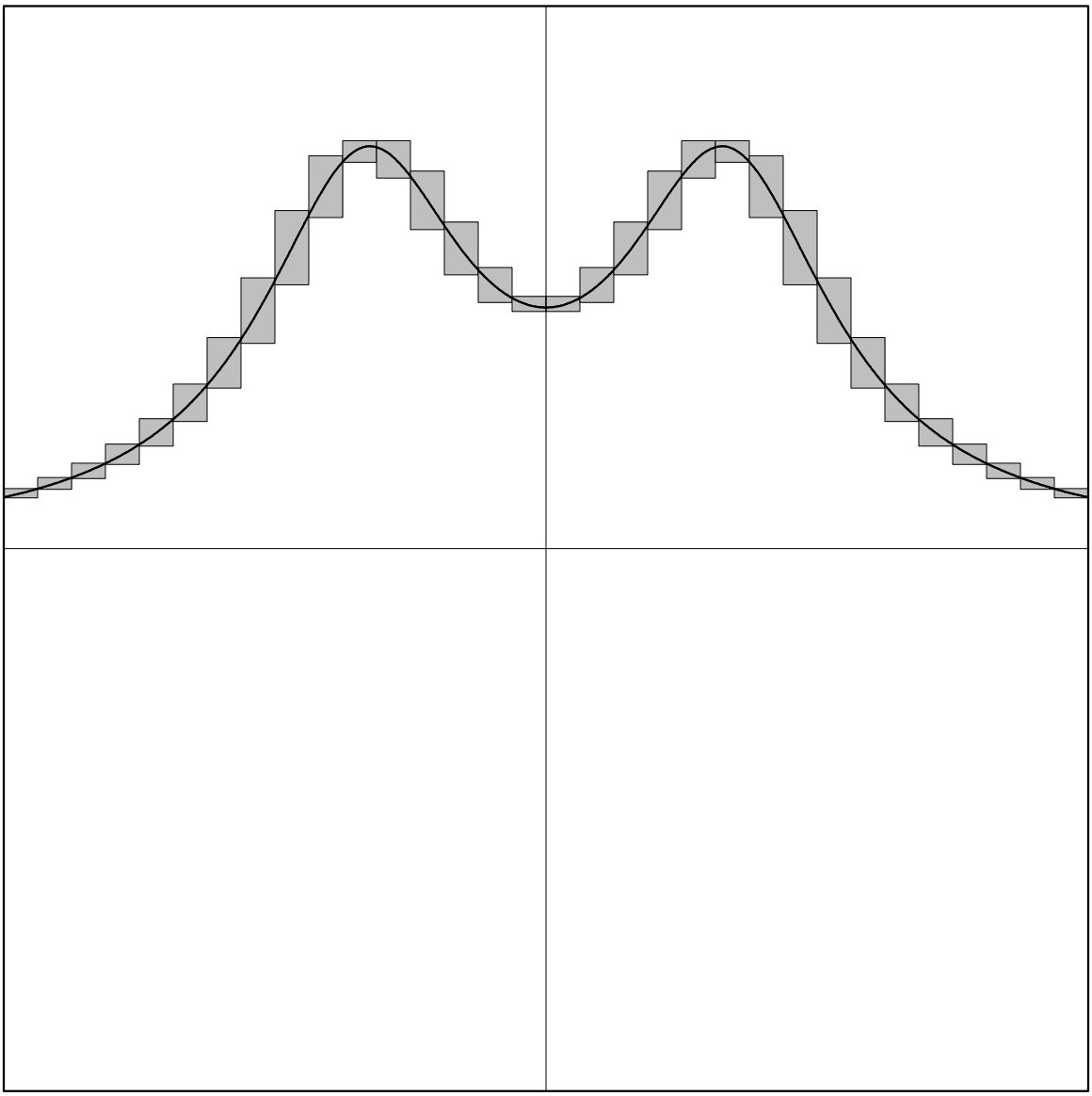
```
u = x - 1; v = x + 1;
a = u^2 + 1/2; b = v2 + 1/2;
g = 1/a + 1/b

x in [-3.000000 _ 3.000000]  y in [-3.000000 _ 3.000000]  32 intervals

Ordinary interval arithmetic
```



u = x - 1; v = x + 1;
a = u^2 + 1/2; b = v2 + 1/2;
g = 1/a + 1/b

x in [-3.000000 _ 3.000000] y in [-3.000000 _ 3.000000] 32 intervals

Affine arithmetic



```
u = x - 1; v = x + 1;
a = u^2 + 1/2; b = v2 + 1/2;
g = 1/a + 1/b
```

x in [-3.000000 _ 3.000000] y in [-3.000000 _ 3.000000] 32 intervals

Affine arithmetic (converted to intervals)