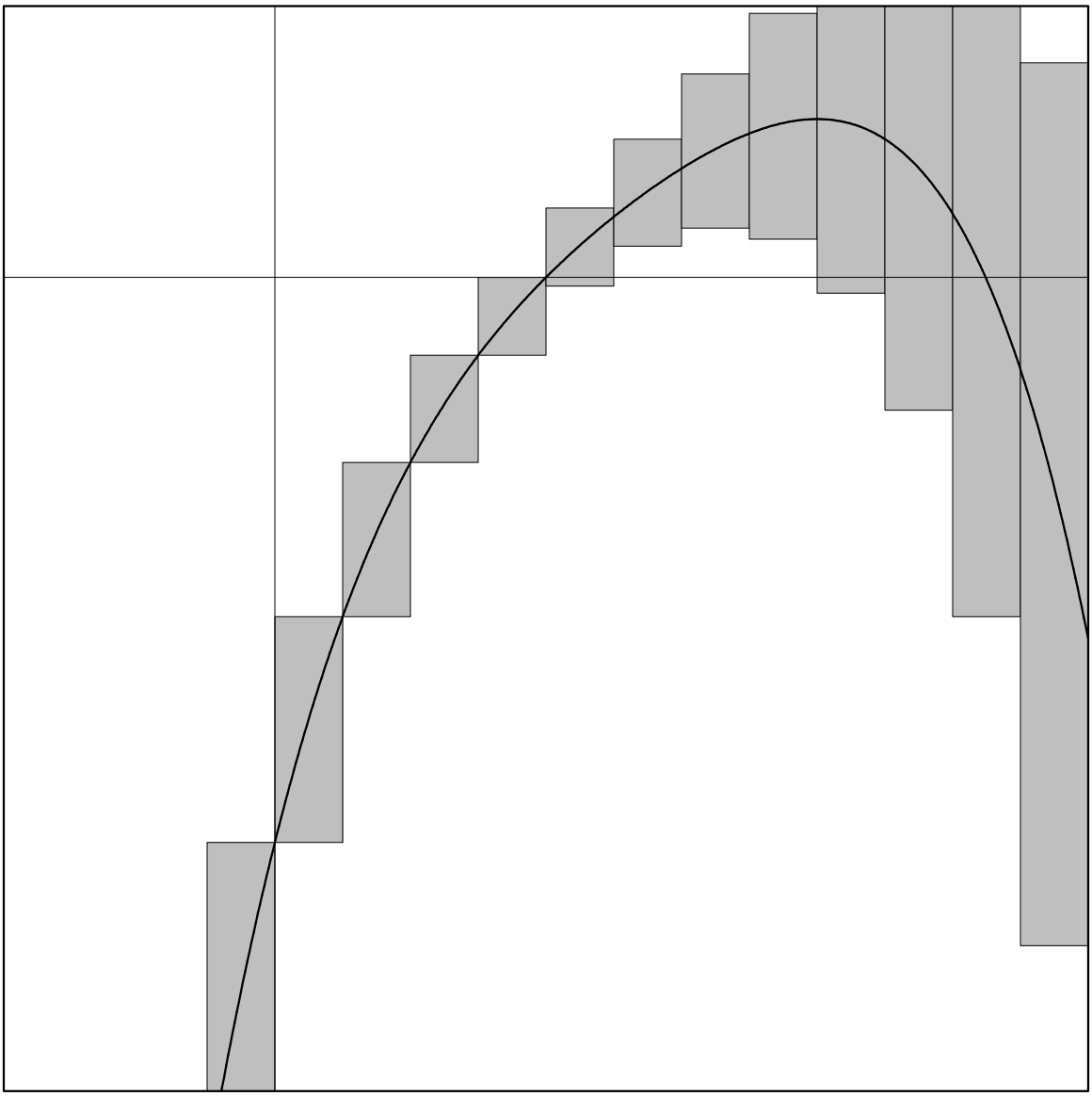
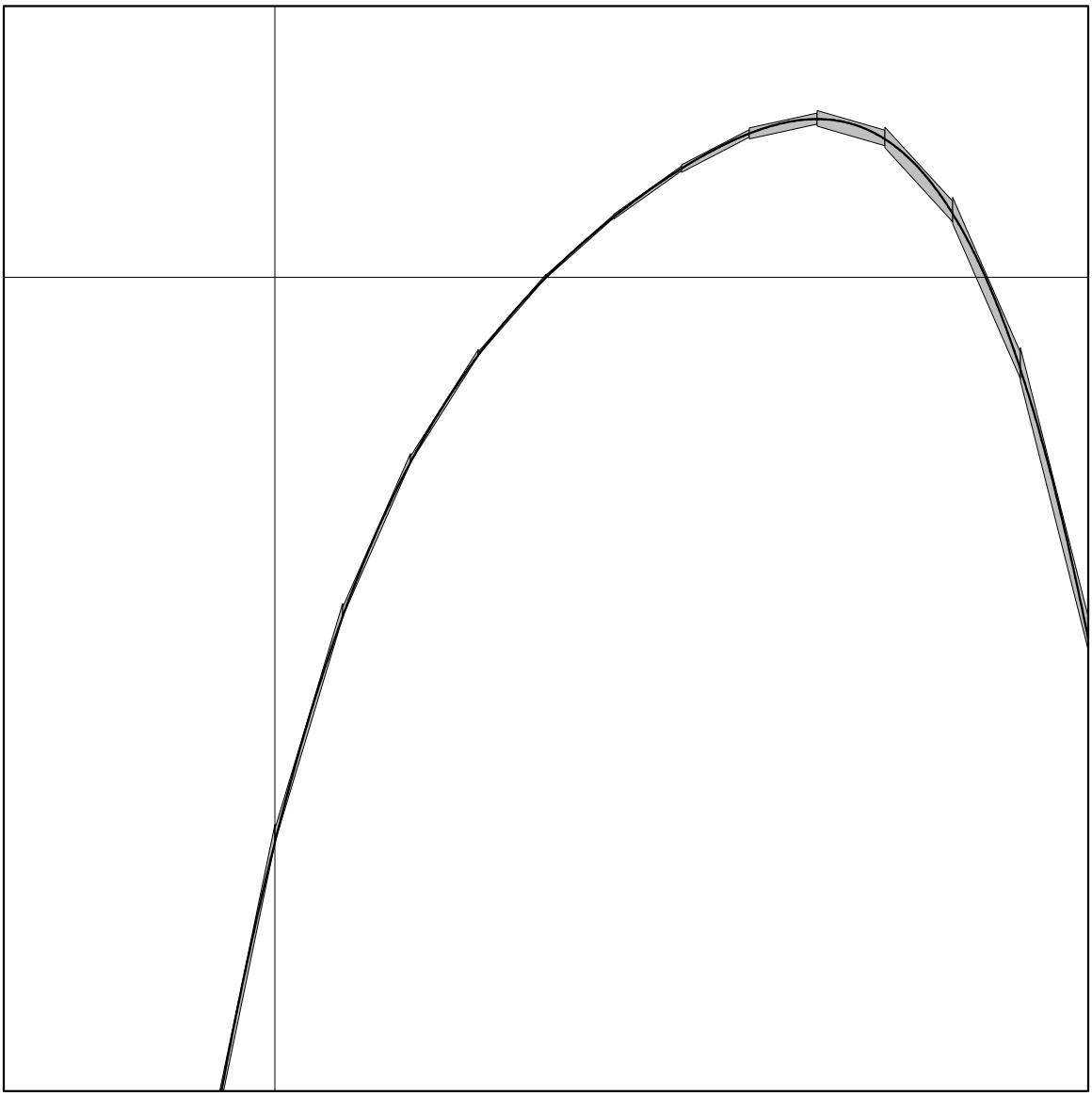


```
u = x - 1;
u2 = y^2;
u3 = u*u2;
u4 = u2^2;
g(x) = u - u2/2 + u3/3 - u4/4

x in [-1.000000 _ 3.000000]  y in [-3.000000 _ 1.000000]  16 intervals

Ordinary interval arithmetic
```



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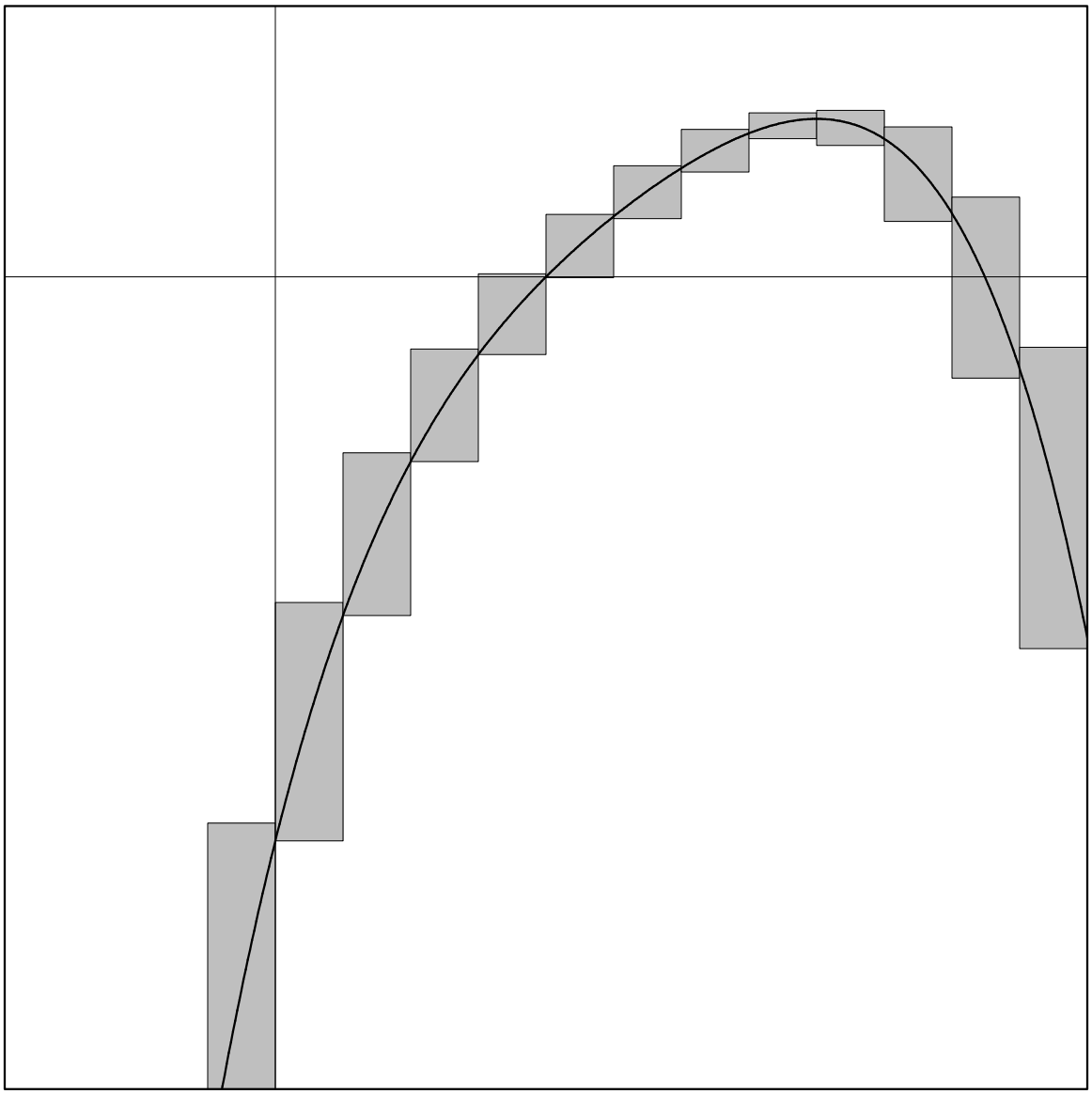
g(x) = u - u2/2 + u3/3 - u4/4

x in [-1.000000 _ 3.000000]  y in [-3.000000 _ 1.000000]  16 intervals

Affine arithmetic
```



```
u = x - 1;
u2 = y^2;
u3 = u*u2;
u4 = u2^2;
g(x) = u - u2/2 + u3/3 - u4/4

x in [-1.000000 _ 3.000000]  y in [-3.000000 _ 1.000000]  16 intervals

Affine arithmetic (converted to intervals)
```