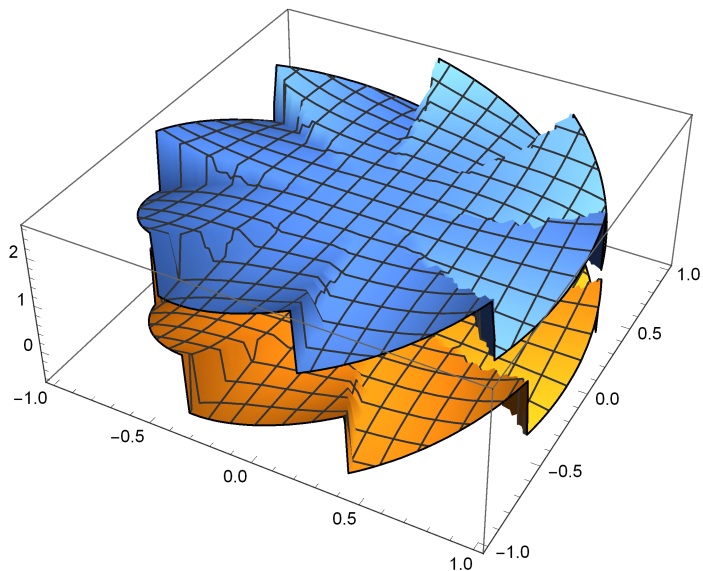
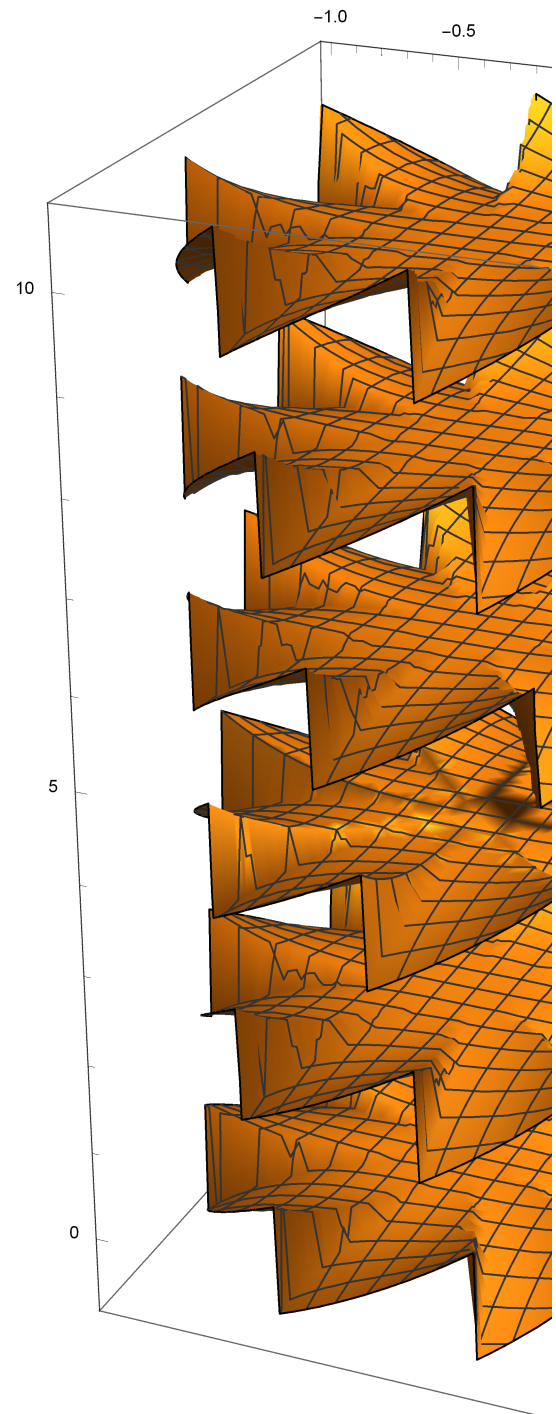


```
Plot3D[{Abs[x + I y]^3 Arg[(x + I y)^8] / 5, 2 + Abs[x + I y]^3 Arg[e^{\pi i/2} (x + I y)^8] / 5},  
{x, -1, 1}, {y, -1, 1}, Exclusions -> None, RegionFunction -> ((#1^2 + #2^2) < 1 &)]
```



```
Plot3D[Table[2 k + Abs[x + I y]^3 Arg[e^{k \pi i / 2} (x + I y)^8] / 5, {k, 0, 5}],  
{x, -1, 1}, {y, -1, 1}, Exclusions -> None,  
RegionFunction -> ((#1^2 + #2^2) < 1 &), BoxRatios -> {1, 1, 2}]
```

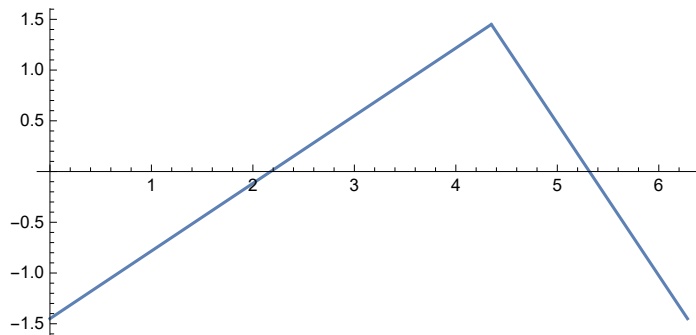


```
f[x_] := Piecewise[{{ $\frac{2}{3} x - \frac{3}{13} 2 \pi$ ,  $x < \frac{9}{13} 2 \pi$ }, { $\frac{3}{2} (2 \pi - x) - \frac{3}{13} 2 \pi$ ,  $x \geq \frac{9}{13} 2 \pi$ }}, 0];
```

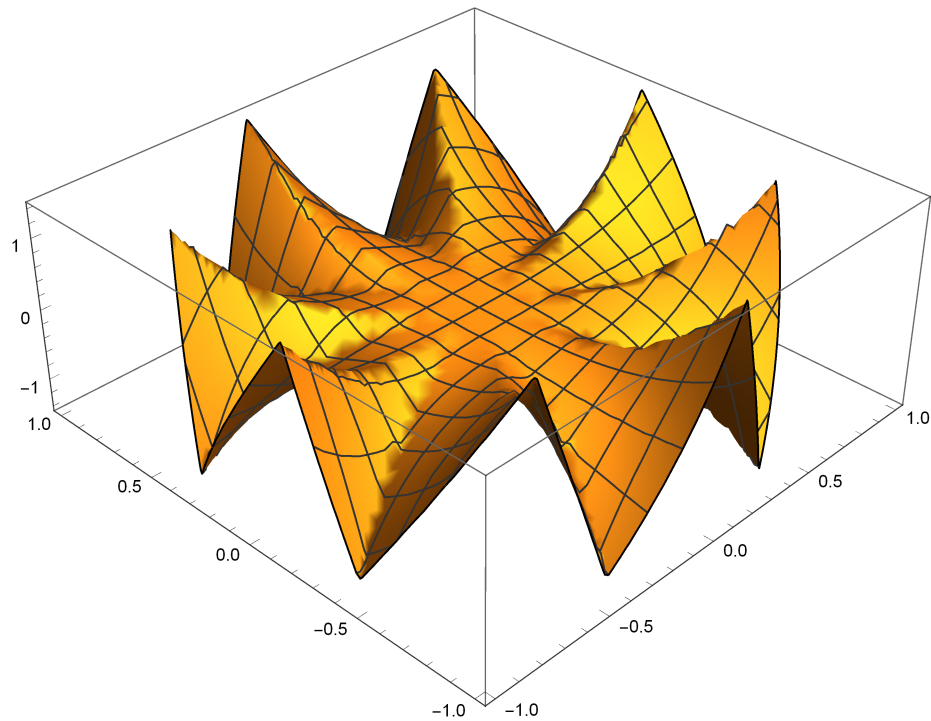
f[x]

$$f[x] = \begin{cases} -\frac{6\pi}{13} + \frac{2x}{3} & x < \frac{18\pi}{13} \\ -\frac{6\pi}{13} + \frac{3}{2}(2\pi - x) & x \geq \frac{18\pi}{13} \\ 0 & \text{True} \end{cases}$$

```
Plot[f[x], {x, 0, 2 π}, AspectRatio → Automatic]
```



```
Plot3D[Abs[x + I y]^3 f[π + Arg[(x + I y)^8]], {x, -1, 1}, {y, -1, 1}, Exclusions → None, RegionFunction → ((#1^2 + #2^2) < 1 &)]
```



```
Plot3D[{Abs[x + I y]^5 f[ $\pi$  + Arg[(x + I y)^2]]}, {x, -1, 1}, {y, -1, 1},  
Exclusions -> None, RegionFunction -> ((#1^2 + #2^2) < 1 &), PlotRange -> All]
```

