```
> with(plots):
```
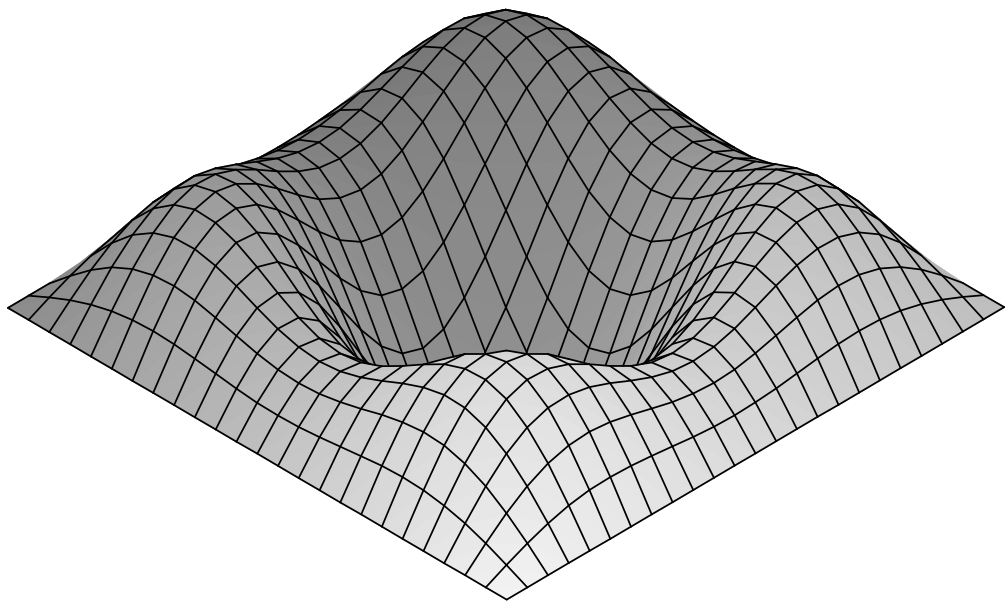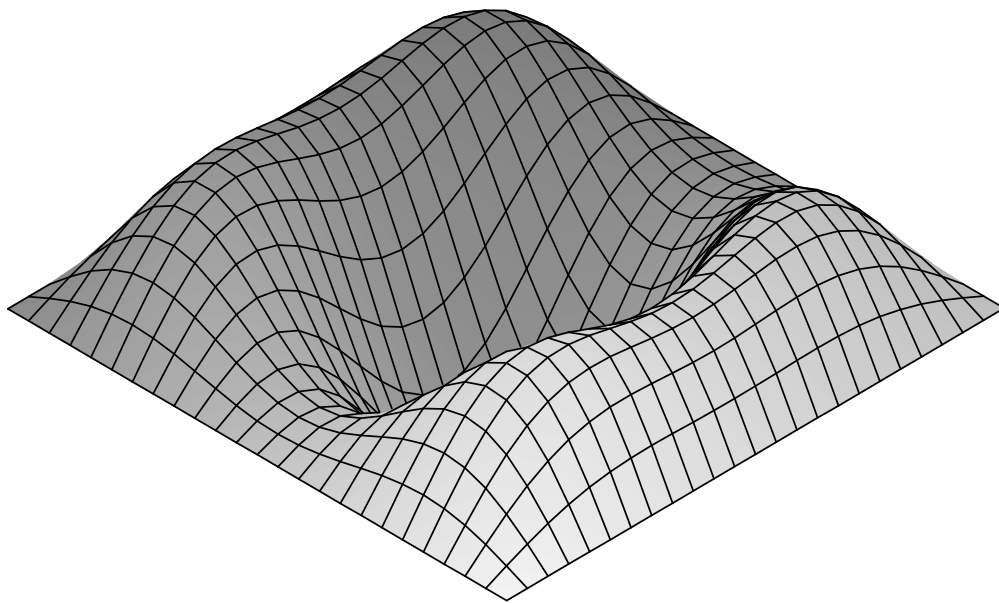
```
> a := 1/2; b := 1/2;
```

$$a := \frac{1}{2}$$

$$b := \frac{1}{2}$$

```
> animate3d(
    cos(sqrt(10)*t)*( a*sin(3*x)*sin(1*y) + b*sin(1*x)*sin(3*y) )
    ,x=0..Pi, y=0..Pi
    ,t=0..Pi, frames=200);
```



```
> a := 1/3; b := 2/3;
```

$$a := \frac{1}{3}$$

$$b := \frac{2}{3}$$

```
> animate3d(
  cos(sqrt(10)*t)*( a*sin(3*x)*sin(1*y) + b*sin(1*x)*sin(3*y) )
  ,x=0..Pi, y=0..Pi
  ,t=0..Pi, frames=200);
```



```
>
```