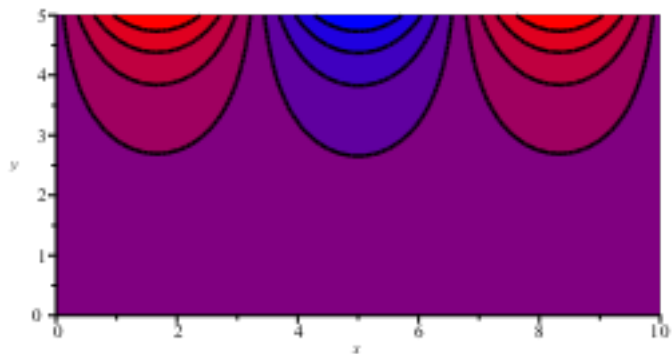


Plotting 1.d:

```

B3 :=  $\frac{1}{\sinh\left(\frac{3 \cdot \text{Pi} \cdot b}{a}\right)}$  :
psum := B3 ·  $\sin\left(\frac{3 \cdot \text{Pi} \cdot x}{a}\right) \cdot \sinh\left(\frac{3 \cdot \text{Pi} \cdot y}{a}\right)$  :
psum := subs(a = 10, b = 5, psum) :
with(plots) :
contourplot(psum, x = 0 .. 10, y = 0 .. 5, scaling = constrained, coloring = [blue, red], filledregions
= true)

```



```

plot3d(psum, x = 0 .. 10, y = 0 .. 5)

```

