$with(plots):$

This is figure 15:

$$implicitplot3d\left(\cos(x)+\cos(y)+\cos(z)+\frac{1}{2}, x=-3.8..3.8, y=-3.8..3.8, z=-3.8..3.8, axes=normal, numpoints=10000\right)$$

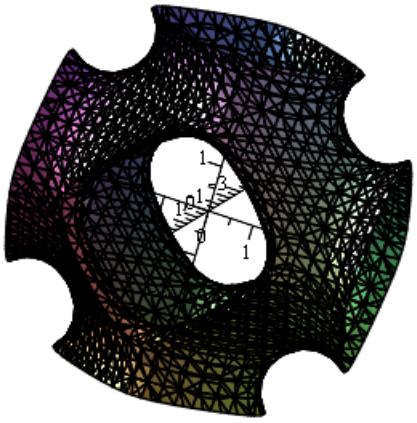
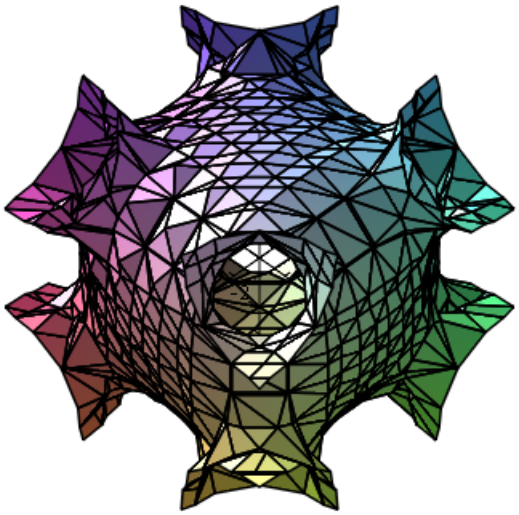


Figure 18:

$$implicitplot3d\left(\cos\left(\frac{y}{2}\right)\cdot\cos\left(\frac{z}{2}\right)+\cos\left(\frac{z}{2}\right)\cdot\cos\left(\frac{x}{2}\right)+\cos\left(\frac{x}{2}\right)\cdot\cos\left(\frac{y}{2}\right)+\frac{1}{4}, x=-5..5, y=-5..5, z=-5..5, axes=normal\right)$$



In class you said play with the constatns for better picture. So if I dau that constant gamma is 1/2 for example - I get a better picture (I like it better).

$$implicitplot3d\left(\cos\left(\frac{y}{2}\right)\cdot\cos\left(\frac{z}{2}\right)+\cos\left(\frac{z}{2}\right)\cdot\cos\left(\frac{x}{2}\right)+\cos\left(\frac{x}{2}\right)\cdot\cos\left(\frac{y}{2}\right)+\frac{1}{2}, x=-5..5, y=-5..5, z=-5..5, axes=normal, style=surface, numpoints=100000, colorscheme=["blue", "red"]\right)$$

Error, (in plot3d/options3d) unexpected option: colorscheme = ["blue", "red"]

Loading plots

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