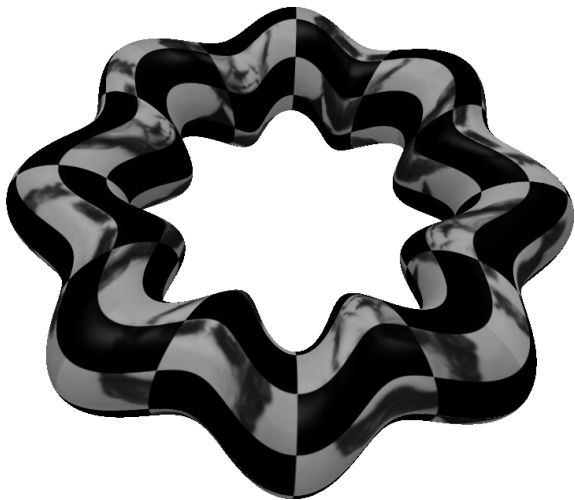


Visualisation-Multiresolution

Polytech-Grenoble

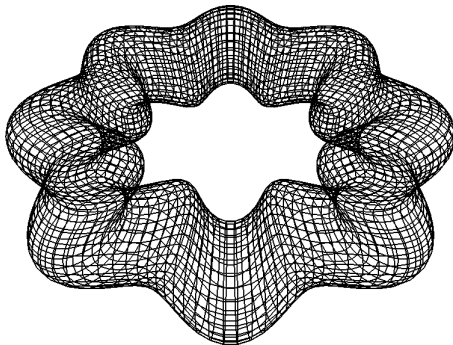
1er semestre 2008

But

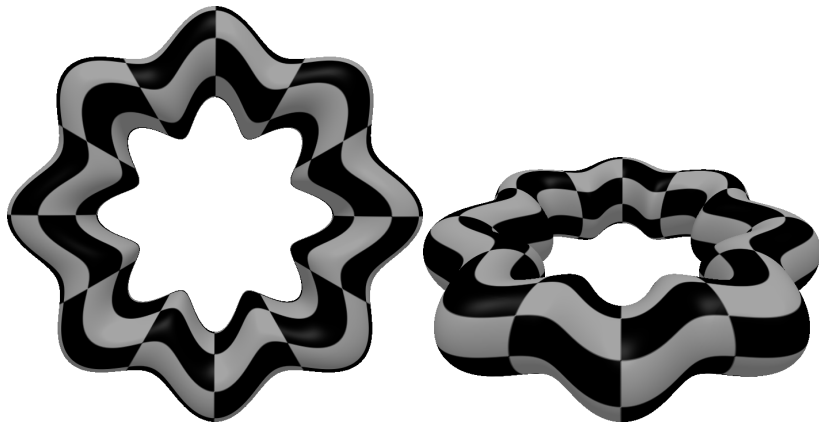


Surface

$$\begin{aligned}x(u_1, u_2) &= \left[R_1 \left(1 + \frac{\cos(16\pi u_2)}{8} \right) + R_2 \cos(2\pi u_1) \right] \cos(2\pi u_2) \\y(u_1, u_2) &= \left[R_1 \left(1 + \frac{\cos(16\pi u_2)}{8} \right) + R_2 \cos(2\pi u_1) \right] \sin(2\pi u_2) \\z(u_1, u_2) &= R_2 \cos(2\pi u_1)\end{aligned}$$



- Quels est la fonction d'intensité $f : (u_1, u_2) \mapsto f(u_1, u_2)$?



Texture

- Quels est la fonction de mapping de texture

$$T : (s_1, s_2) \mapsto T(u_1, u_2) ?$$

