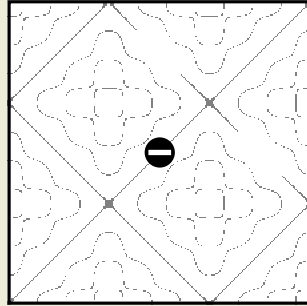


Some PSTricks macros for the study of waves



CHLADNI *sound-patterns*

MANUEL LUQUE and JÜRGEN GILG

September 15, 2011

1 CHLADNI sound-patterns of a quadratic plate

$$\cos\left(\frac{n\pi x}{L}\right)\cos\left(\frac{m\pi y}{L}\right) - \cos\left(\frac{m\pi x}{L}\right)\cos\left(\frac{n\pi y}{L}\right) = z \quad (1)$$

