2d.) Fou: 191=11-0+0cos Bit + 10sin Bi

 $|g| = \sqrt{|1 - \sigma^2 + \sigma^2 \cos \beta|^2 + (\sigma \sin \beta)^2}$ $|g| = \sqrt{9999972602}$

. 99999 72607 = \([1-.5+.500sh)^2 + (.5sinh)^2

,99999 45204= (,5+,5cos/h))2+ (,5sin(h))2

h= .0043

27h

This h will require 1462 points in each dimension.

In 3D, our number of points becomes N3, Lax-Wendroff becomes advantageous as you add dimensions becomes the number of required points is significantly lower.