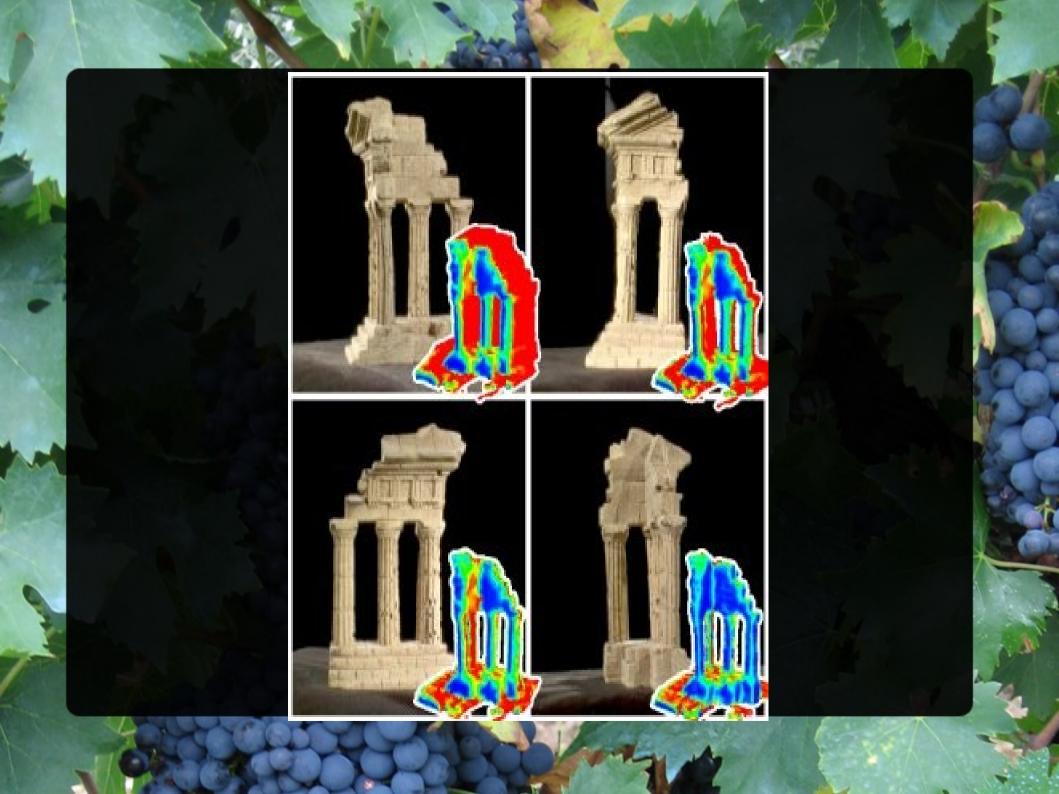


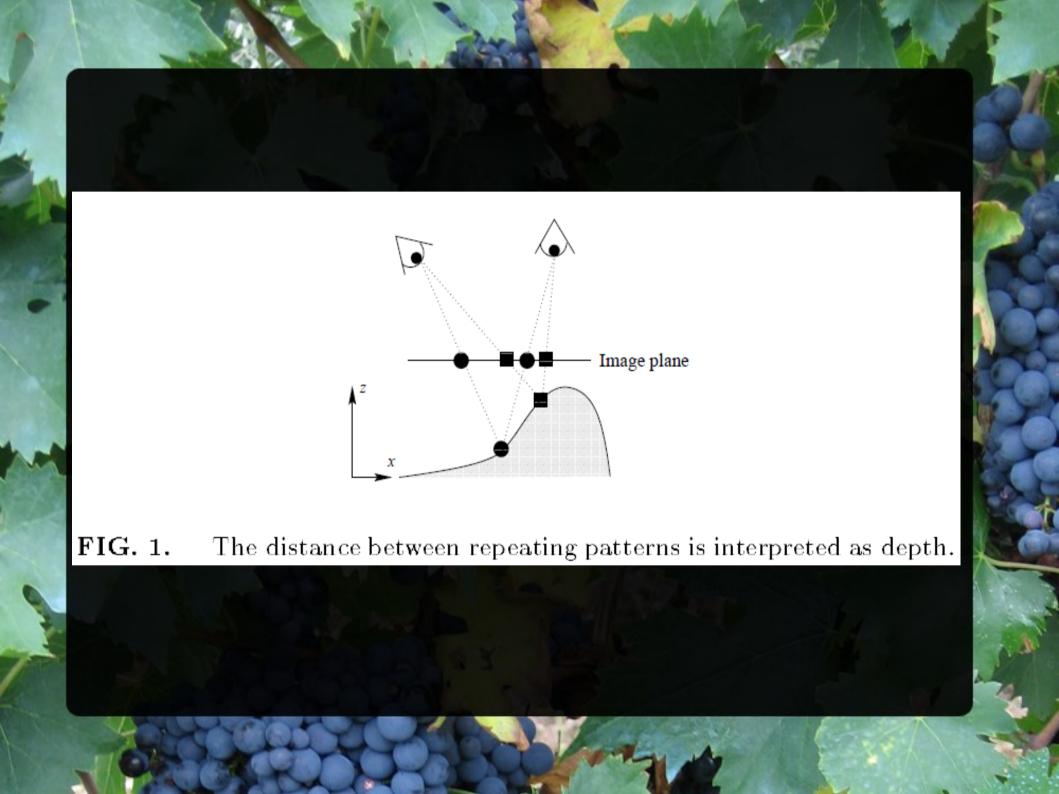
Tyler Niles ENGG8840 March 25th, 2010

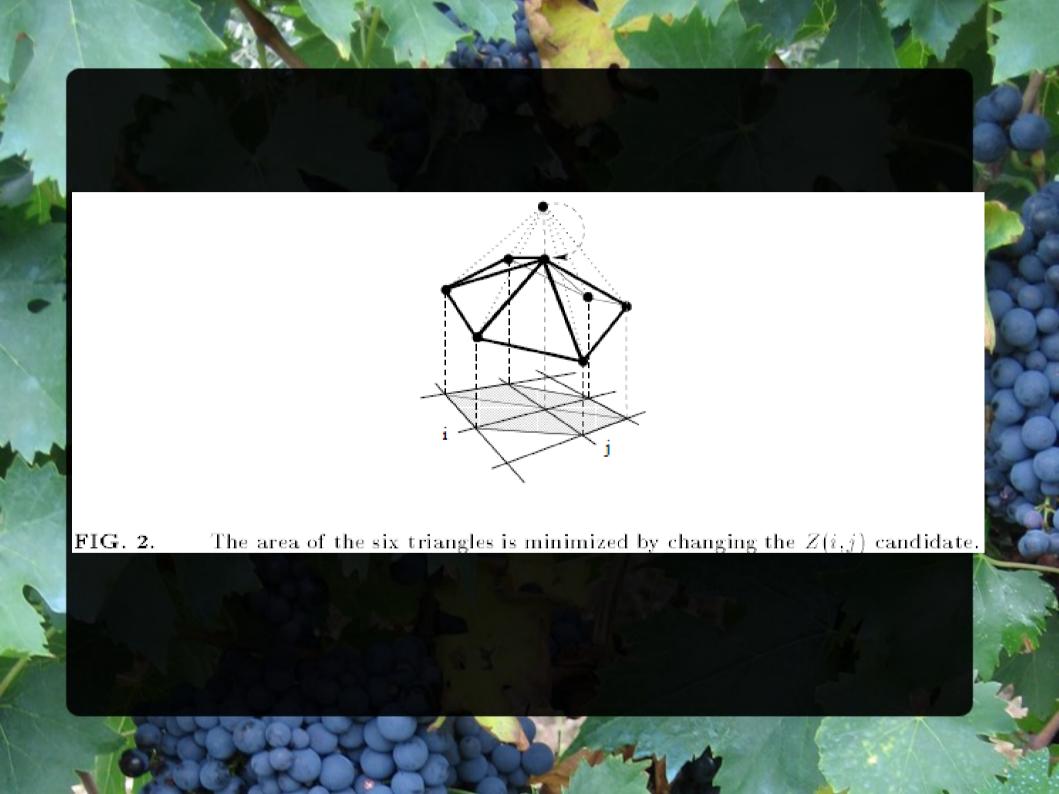


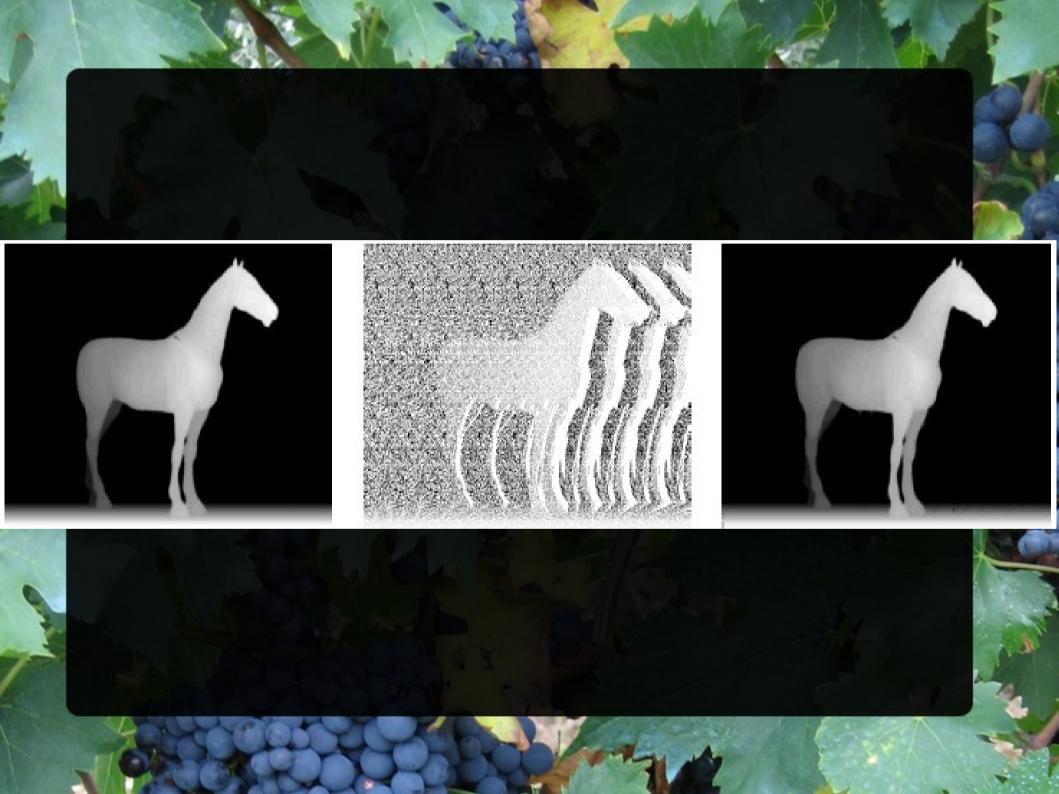




for 
$$\{j = 0; j < M; j + +\}$$
 for  $\{i = 0; i < M; i + +\}$   
if  $\{i < N\}$   $I(i, j) = R(i, j)$ ; else  $I(i, j) = I(i - N + Z(i, j), j)$ ;







## Euler-Lagrange

$$\operatorname{div}\left(g(x,y,z)\frac{\nabla\phi}{|\nabla\phi|}\right) = 0. \tag{1}$$

## **Steepest Descent Flow**

$$z_t = g \frac{(1+z_y^2)z_{xx} - 2z_x z_y z_{xy} + (1+z_x^2)z_{yy}}{1+z_x^2+z_y^2} + g_x z_x + g_y z_y - g_z.$$
 (6)





- 1. Create a program to Generate stereograms given a grayscale image
- 2. Create a program to decipher stereograms given a grayscale stereogram