Question

Consider the 3x3 image region below. There is reason to believe that the region may be modeled by a linear plance. Apply a least square solution to find the parameters of this plane:

Question

Also, use the numerical value of the plane parameters to determine the slope and orientation of the plane. Hint: the equation for a linear plane can be written:

 $g(x,y) = a_0 + a_1 x + a_2 y$