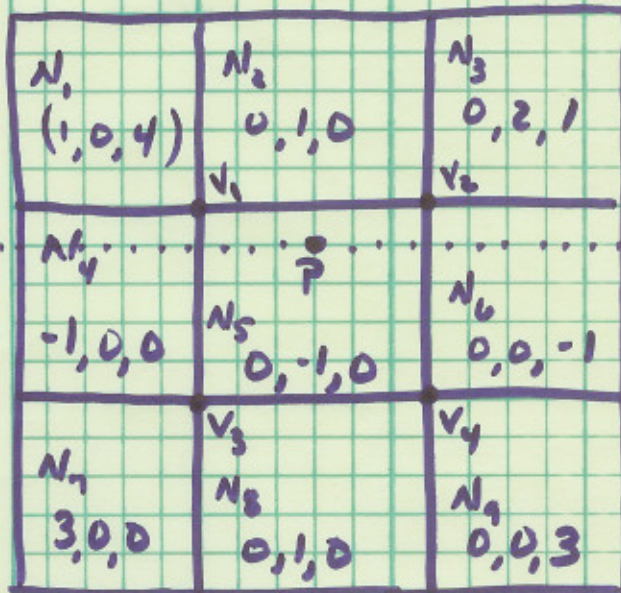


Name: _____

HW#5
CMPS/60

1) Gouraud Shading



$$L = 1, 0, 1$$

$$I_a = .5$$

$$I_a = .5$$

$$I_d = .7$$

$$I_s = 0$$

Using gouraud shading,
determine the color
at point P

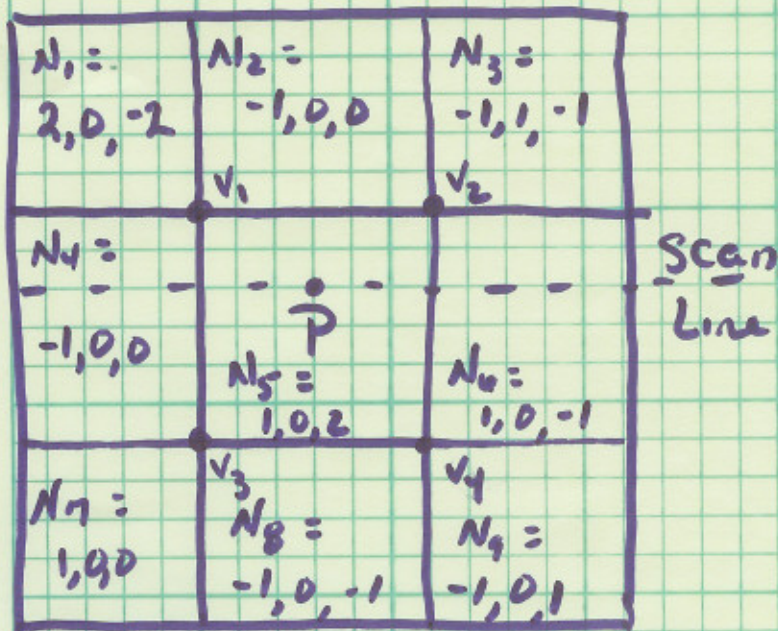
$$V_1 \text{ color} = (1, .9, .1)$$

$$V_2 \text{ color} = (1, 1, 1)$$

$$V_3 \text{ color} = (.1, .9, 1)$$

$$V_4 \text{ color} = (.9, .1, 1)$$

2) Phong Shading



$$k_a = 0$$

$$k_d = 0$$

$$k_s = 1$$

$$I_s = 1$$

(monochromatic light)

We want to determine the light intensity at Point P. Use Phong Shading.