#1 Find the normalized tangets

$$\frac{j-i}{1j-i1} = \frac{(1,0)}{1} = \frac{(1,0)}{1}$$

$$\frac{1}{2} \frac{k-j}{(k-j)} = > \frac{(-1,1)}{\sqrt{2}} = > (-\frac{1}{\sqrt{2}}, \frac{1}{\sqrt{2}})$$

$$L_3 \frac{1-k}{1!-k!} \Rightarrow \frac{(0,-1)}{1} \Rightarrow (0,-1)$$

I Find orthogonal vector

#3 Find C C=-Ax-By c(=0.1-1.1=-1=>0x+1.4-1=0

$$C_1 = 0.1 - 1.1 - -1 - 1.0$$

$$C_2 = \frac{1}{\sqrt{2}} \cdot 2 + \frac{1}{\sqrt{2}} = \frac{3}{\sqrt{2}} = \frac{1}{\sqrt{2}} \times -\frac{1}{\sqrt{2}} + \frac{3}{\sqrt{2}} = 0$$

$$C_3 = -1.1 + 0.2 = -1 = 0$$

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Plug in the point (1.2,1.7) 0-1.7+1.17-1 = .7 一1.2 -1.7 大豆 = 一万 1.1.2.+0.1.7-1=.2 inside