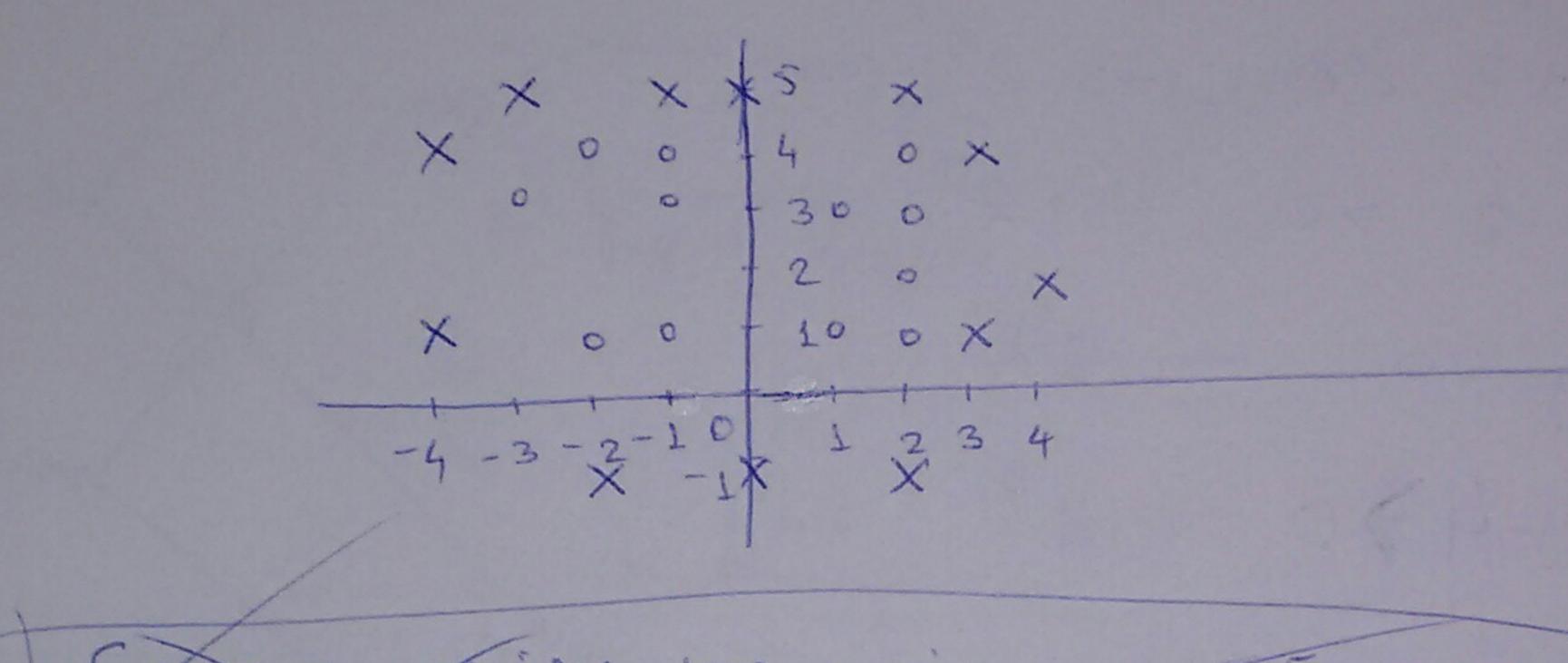
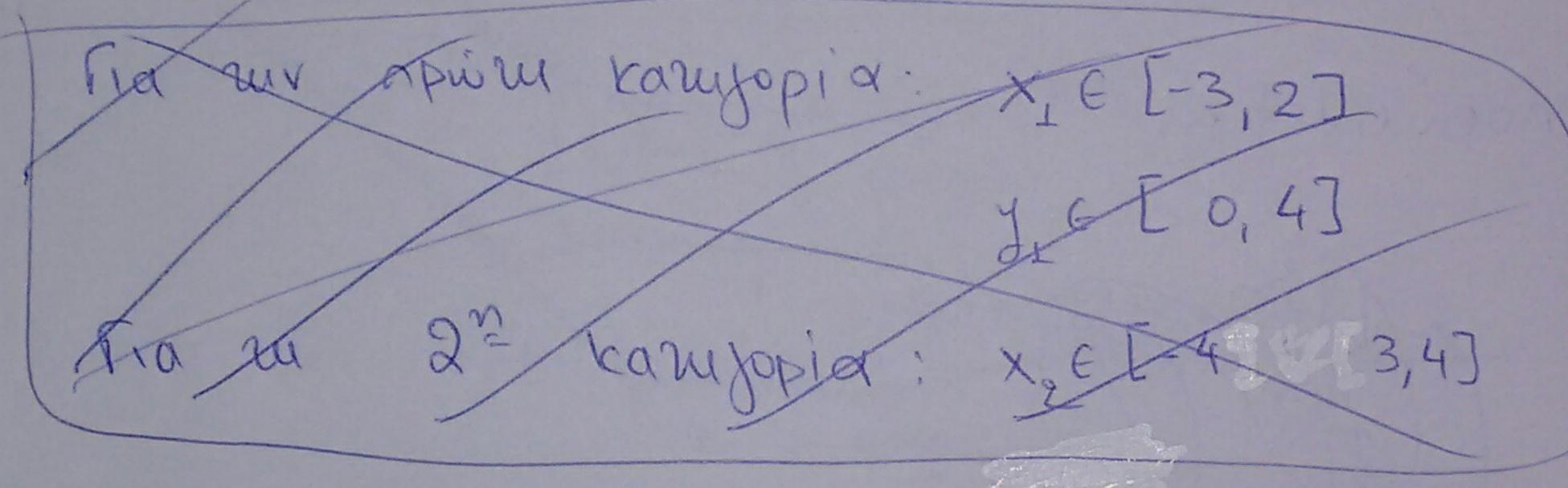


Oéha 1º

2-1 xuipos - Do: Kazylopia 1, X: tazylopia 2.





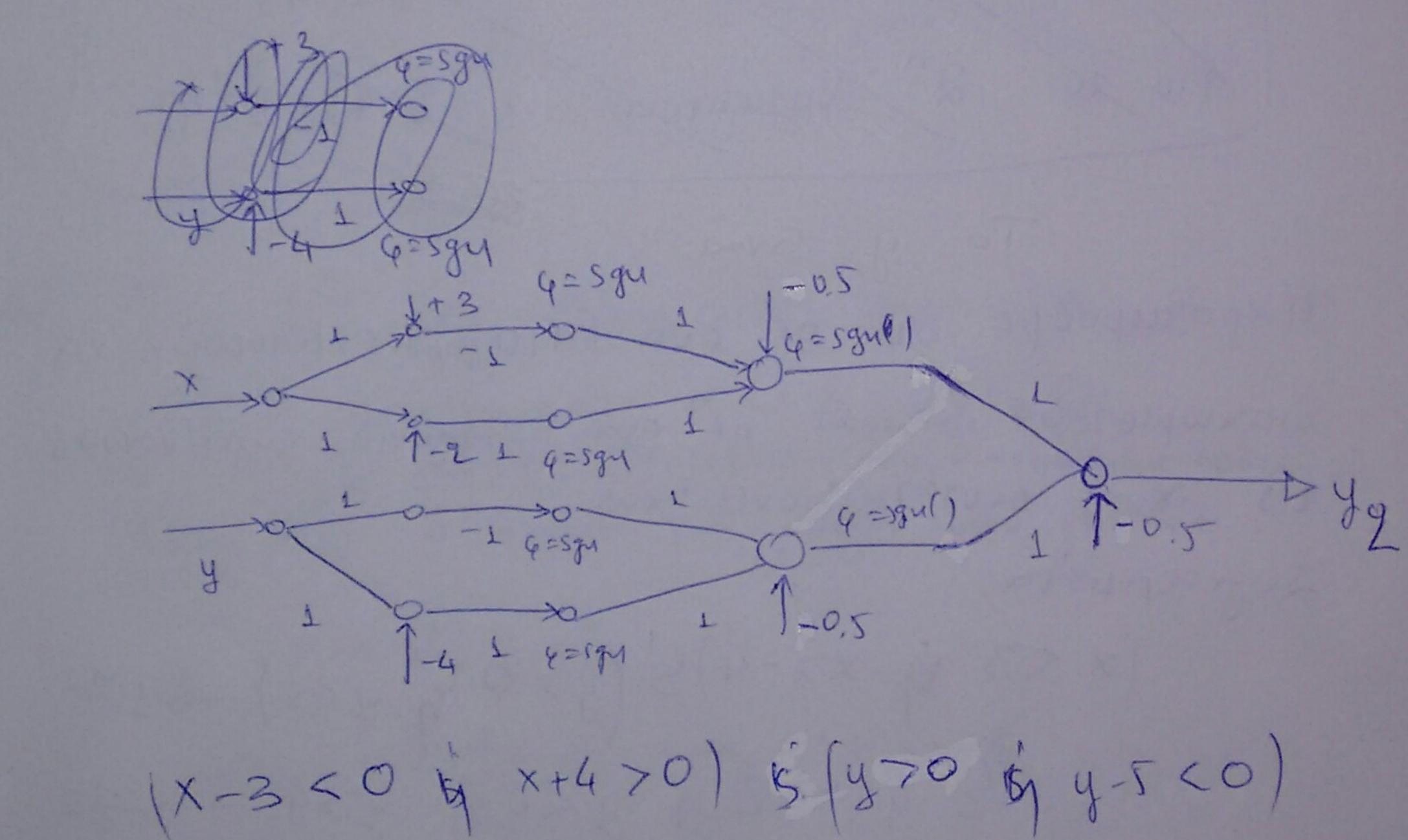
Maparuposité ou or Súo Karufopies bropoir va Siaxmpiosoir ndipus le éra oppositio, ougrapironas us x, y ouresafficies sons.

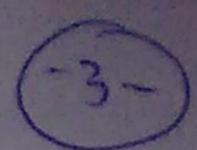
Lightly herd.

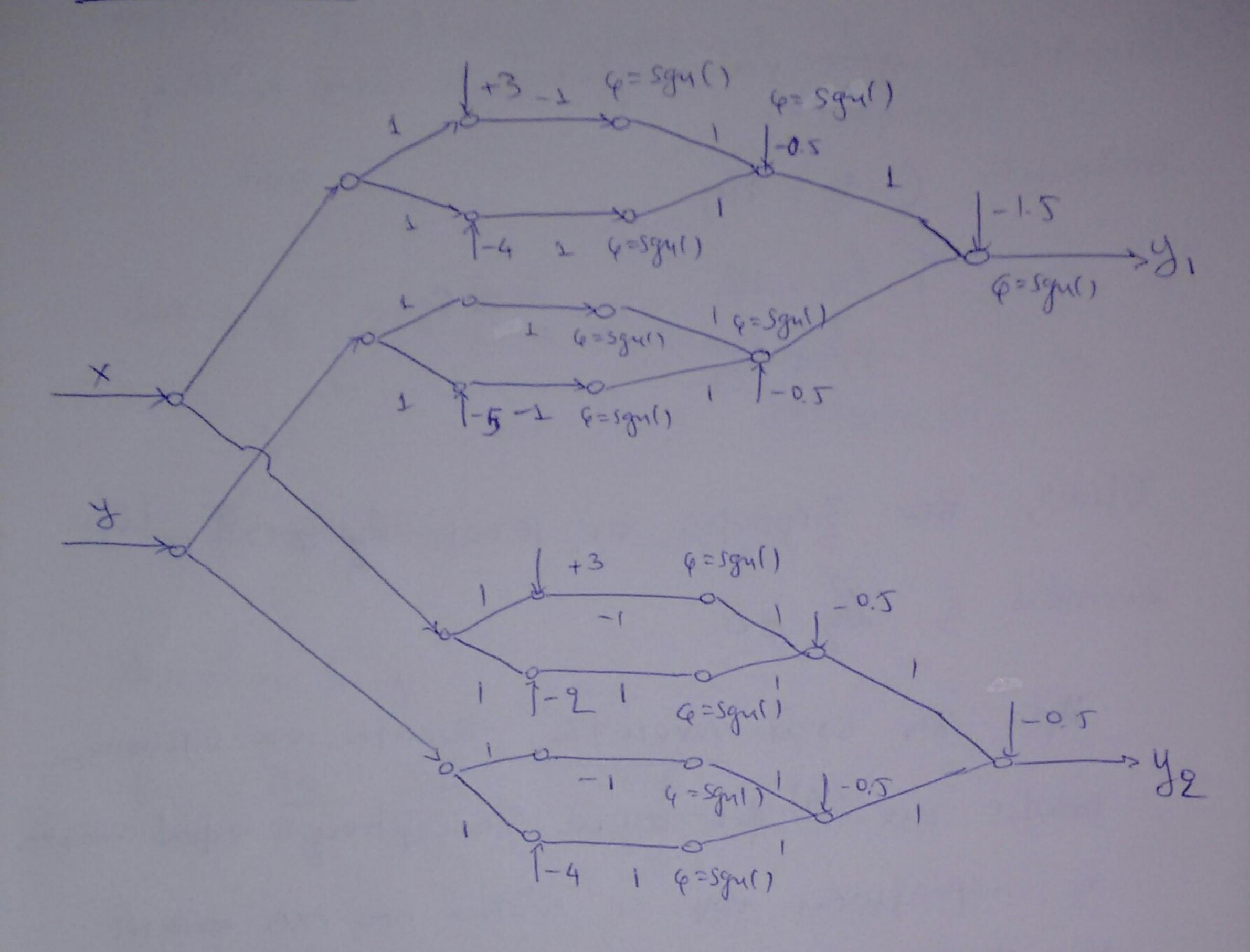
Da KAMELLEUNDIGEORPIE EN SKIRGEN ANGINERI.

Enious, la NS da dvar 2 mosseur (x,y)
Tpéna va GX+Sideon/if vous egus ravoires:

4 nooi outex:







(b) To 1= perceptrou fxt opi6tifia

within us proposis xx+b,y+j=0

(pinape sia and perceptrou, apa siaxwelesta a pozuna)

To 2= 8choupt va opiffi zuv wisa:

$$\frac{\alpha_{2} \times + b_{2} + \beta_{2} = 0}{-) y = -\frac{\alpha_{2}}{\beta_{2}} \times -\frac{\beta_{2}}{\beta_{2}} = 0}$$

$$-) y = -\frac{\alpha_{2}}{\beta_{2}} \times -\frac{\beta_{2}}{\beta_{2}} = 0$$

$$-) b_{2} = -\delta_{2}$$

$$\frac{\delta_{2} \times + b_{2} + \delta_{2}}{\delta_{2}} = 0$$

$$\frac{\delta_{2} \times + \delta_{2}}{\delta_{2}} = 0$$

Opies, 800 Ziponfit av 16x09 by 40, 5'
600 mills & Bo 40.

Apa, ser sivay naviora sevario va vacanonia.

600/14 zur f fit dado perceptrony apad vnápas

M nepinzweny tak m evotia nov exa opiera

va sivan kanakópnym

 $\begin{cases} \lambda & \text{if } E = \frac{1}{2} (d - y)^2 = \frac{1}{2} e^2 \\ \Delta w & = M \cdot \delta \cdot y \end{cases}$ $\begin{cases} \lambda & \text{if } E = \frac{1}{2} (d - y)^2 = \frac{1}{2} e^2 \\ 4 & \text{if } E = \frac{1}{2} (d - y)^2 = \frac{1}{2} e^2 \end{cases}$

8: (u) = - \frac{\partial \xeta(u)}{\partial \yeta(u)} \frac{\partial \xeta(u)}{\partial \yeta(u)} = - \frac{\part

= - OF Je ((v) = -e. 2(d-y)(-1). (-1

$$\sqrt{2}$$
 with $\sqrt{8} = 2(d-y)^2 \alpha \exp(-\alpha u) \cdot \frac{1}{1+\exp(-\alpha u)}$

$$\Delta w = y \cdot \left[2(d-y)^2 a \cdot \exp(-av) \cdot \frac{1}{(1+\exp(-av))} \right], y$$

$$\delta = -\frac{\partial E}{\partial y} \cdot \frac{\partial y}{\partial v} = -\frac{\partial E}{\partial y}, \, \phi'(v).$$

$$\begin{cases} \frac{\partial f}{\partial y} = -\frac{1}{y} \left[\frac{d}{y} + (1+d) + \frac{1}{y} \left(-1 \right) \right] - q'(v)$$

$$= -\frac{1-d}{1-y} - \frac{d}{y} \cdot (\sqrt{y}) = \frac{y(1-d) - d(1-y)}{y(1-y)} = \sqrt{(0)} = 2$$

$$= \frac{y-d}{y(1-y)} \cdot \alpha \exp(-\alpha v) \cdot \frac{1}{1+\exp(-\alpha v)}$$

Apa

DW = M. d-y aexp(-au). (1+exp(-au))2. y

'Opus,
$$y = \varphi(u) = \frac{1}{1 + \exp(-\alpha u)}$$

= $xy + y = xy(-\infty) - 1 = 1$ $exp(-\infty) = \frac{1}{y} - 1$.

'Apx px 10(i): 1w=y2(d-y)^2a.(\frac{1}{y}-1)-y^2.y=

= M. 2(d-y)².a. (1-y)-y²

15 px 20 (ii): DW = M. d-y. a. (\frac{1}{4}-1).y2.y=

= M. d-7 a. (195) y= -

= M.(d-y).a.y

Apa, fpatificie our prior de Siertorie ero (ii), radios da antonoioriet rur ezionen augrément rur bapier.