807 /3 86488 80× p/3 88 × 10 £ 488 8/200 86499 867,13 91428 8/2/8 86×p6 91428 5/4/88 802016 86401 912/09 E/2<00 819498 802 016 g12 58 86709 5 x 400 5/4 409 5/a~88 S/2 00 9,000 864 216 96,400 51200 867,6 512788 865016 مردرتمران ح in a Cho Chile No param 0.0 4) lager 44 x44x4 Input ~~ x 4 x 4 x /, xxxx10+10 CONV 4-1. Relu 44 x 44 x1. pool - T 14×16×10° Y XY XX. KXKXL° XI° +< ° CMVでてってく) Relu 4 xy xx. P001-Y 4x4x4. 0 flattun 1/ 0 10

1V,0×10+10

b)
$$\frac{\partial G}{\partial x} = \frac{1}{4} x^{2} x(\hat{y} - g) x(-1) = \hat{g} - g$$

$$\frac{\partial \hat{y}}{\partial \alpha} = 1$$

$$\frac{\partial \hat{y}}{\partial w_{1}} = V_{1} + g \frac{\partial \hat{y}}{\partial w_{2}} = V_{2} \qquad \frac{\partial \mathcal{L}}{\partial w_{1}} = \hat{y}_{1} - \hat{y}_{2} + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{1} + (\hat{y}_{1} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{1} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{1} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y}_{2} - \hat{y}_{2}) + \frac{\partial \mathcal{L}}{\partial w_{2}} = V_{2} + (\hat{y$$

د)

$$N = \max(\xi_1, \xi_2, \cdot) = \xi_1 u(\xi_1) u(\xi_1 - \xi_2) + \xi_2 u(\xi_1) u(\xi_2 - \xi_1)$$

$$\frac{\partial V_{1}}{\partial z_{1}} = \alpha(z_{1}) \alpha(z_{1} - z_{1}) + S(z_{1}) + S(z_{1} - z_{1}) + S(z_{1}$$

$$\frac{\partial v_{1}}{\partial z_{1}} = u(2x) u(2x-2y) + S(2x) + S(2x-2y) + S(2x-2$$

$$N_{\lambda} = wax(5^{2},5^{4}) = 5^{2} a(5^{4})a(5^{2}-5^{4}) + 5^{4} a(5^{4})a(5^{4}-5^{4})$$

$$\frac{\partial v_{x}}{\partial t_{x}} = \alpha(t_{x}) \alpha(t_{x}-t_{x}) + \delta(t_{x}-t_{x}) = \delta(t_{x}-t_{x}) + t_{x}(t_{x}-t_{x}) = \delta(t_{x}-t_{x}) = \delta(t_$$

$$\frac{\partial^{2} x}{\partial x^{2}} = \alpha(\frac{1}{2}x^{2}) \alpha(\frac{1}{2}x^{2} - \frac{1}{2}x^{2}) + 8(\frac{1}{2}x^{2}) \frac{1}{2}x^{2} \alpha(\frac{1}{2}x^{2} - \frac{1}{2}x^{2}) \frac{1}{2}x^{2} \alpha(\frac{1}{2$$

$$= \frac{3K}{3\Gamma} = \frac{35}{35} \times \frac{3K}{35!} + \frac{35}{35} \times \frac{3K}{35!} + \frac{35}{35!} \times \frac{3K}{35!} + \frac{35}{35!} \times \frac{3K}{35!} + \frac{35}{35!} \times \frac{3K}{35!} = \frac{3K}{35!} \times \frac{3K}{35!} \times \frac{3K}{35!} = \frac{3K}{35!} \times \frac{3K}{35!} \times \frac{3K}{35!} = \frac{3K}{35!} \times \frac{3K}{35!} \times \frac{3K}{35!} \times \frac{3K}{35!} = \frac{3K}{35!} \times \frac{3K$$

$$= \frac{3K^{h}}{3\Gamma} = \frac{3f'}{3\Gamma} \cdot \frac{3K^{h}}{3\Gamma} + \frac{3f'}{3\Gamma} \cdot \frac{3K^{h}}{3\Gamma} \cdot$$

$$\frac{\partial L}{\partial b} = \sum_{i=1}^{\infty} \alpha_{i}^{i}$$

(1