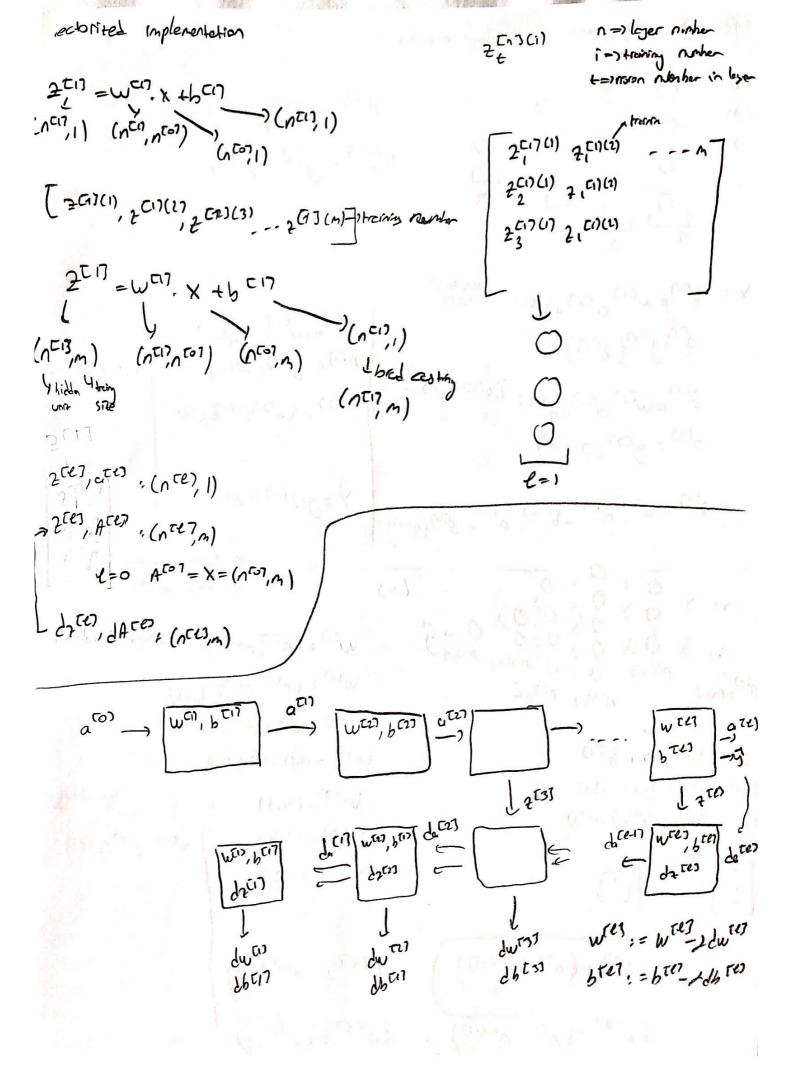


Scanned with CamScanner



```
Bilding blacks of chap neural networks

Forused propagation for layer e

Trapper aten

Trapper aten

Coche (¿ten)

Lecto..

2<sup>ten</sup>=w<sup>ten</sup> aten

Aten
```

Bedwerd proposation for layer e -) input de te] + Output de te-17, dwten, 16 ten

 $dz^{(e)} = dA^{(e)} \times g^{(e)}(z^{(e)})$ $du^{(e)} = \frac{1}{m} dz^{(e)} A^{(e)} - DT$ $db^{(e)} = \frac{1}{m} n p. s. m(dz^{(e)}) c x' = 1, leaph = True$ $dA^{(e)} = w^{(e)}, dz^{(e)}$

Who I are hyperparmeters? Parameters: WE17, bt17... last corce: Monentum, miniberch, regularis...

Hyperconeters & learning lote of

Iterations

hidden layer L

hidden unt ncis, ntis

Choice of activition function