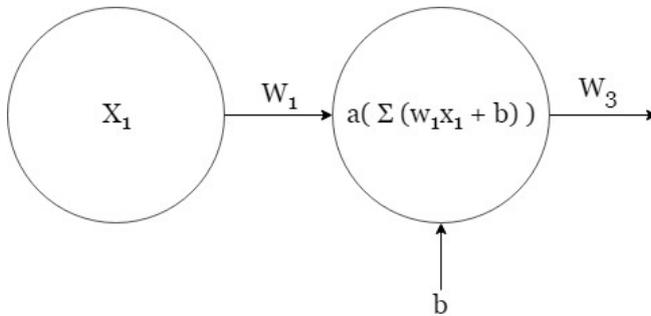


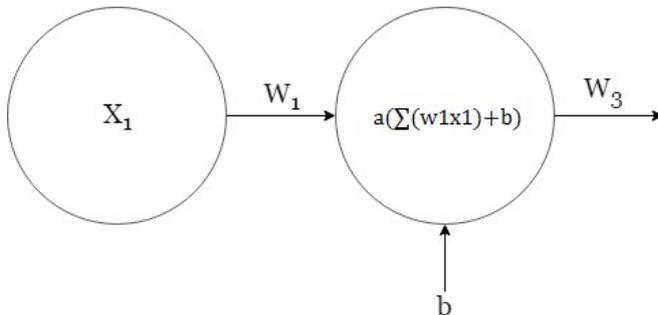
Errata

figur 3.2 på side 19

Original



Rettet



Ændring af definition af Step funktionen på side 19

Original

$$step(x) = \begin{cases} 1 & \text{if } x > 0 \\ 0 & \text{if } x < 0 \end{cases}$$

Rettet

$$step(x) = \begin{cases} 1 & \text{if } x \geq 0 \\ 0 & \text{if } x < 0 \end{cases}$$

tekst inden ligning 3.12 på side 24

Original

$$\delta_j^k = \frac{\partial L}{\partial a_j^k}.$$

Rettet

$$\delta_j^k = \frac{\partial L}{\partial a_j^k}$$

Ligning 3.20 på side 25, gælder for alle gradient descent metoderne og ikke kun Stochastic Gradient Descent.

Sektion 3.2.3 omhandlende weight sharing på side 32 i bunden. Dimensionaliteten er byttet.

Gammel tekst

needed. Consider a Convolutional Layer: It has n filters of size $f_w \times f_h \times 1$, convolved with $d^{(i-1)}$ feature maps, where i is the current Convolutional Layer. Therefore, the number of output feature maps in the previous layer is the number of input feature maps in the current layer. If each feature map has a size of $w \times h \times d$ there

Rettet tekst

needed. Consider a Convolutional Layer: It has n filters of size $f_w \times f_h \times d$, convolved with $d^{(i-1)}$ feature maps, where i is the current Convolutional Layer. Therefore, the number of output feature maps in the previous layer is the number of input feature maps in the current layer. If each feature map has a size of $w \times h \times 1$ there

Ligning 3.21 på side 26

Original

$$w^t = -\eta w^{t-1} g$$

Rettet

$$w^t = w^{t-1} - \eta g$$

Tekst tilhørende Ligning 3.24 på side 36

original

the loss with respect to a weight $w_{i,j}^l$ in a layer l can be written as

Rettet

the loss with respect to a weight $w_{i,j}^l$ in a filter l can be written as

Ligning 3.25 på side 36

Original

$$\text{given that } a_{i,j}^l = \sum_0^{m-1} \sum_0^{n-1} w_{m,n}^l o_{i+m,j+n}^l - 1 + b^l.$$

Rettet

$$\text{given that } a_{i,j}^l = \sum_0^{m-1} \sum_0^{n-1} w_{m,n}^l o_{i+m,j+n}^{l-1} + b^l.$$

I tabel 7.4 på side 81 er der en reference til Tabel 7.4 under new settings. Referencen skal være til tabel 7.5

Tabel 7.5 på side 81 er ikke korrekt

Original

Setting	Spatial Network	Temporal Network
Weight Initialization	ImageNet	ImageNet*
Data Augmentation	True	True
Batch size	256	128
Optimizer	SGD	SGD
Dropout Ratio	0.5	0.5
Activation	ReLU	Leaky ReLU
Flow Stacking	-	uuvv

Rettet

Setting	Spatial Network	Temporal Network
Weight Initialization	ImageNet	ImageNet*
Data Augmentation	False	True
Batch size	256	128
Optimizer	SGD	SGD
Dropout Ratio	0.2	0.5
Activation	ReLU	ReLU
Flow Stacking	-	uuvv

Linje 4 på side 87 er ikke korrekt

Gammel tekst

Both streams are augmented using the augmentation procedure of the single stream spatial network to ensure consistency.

Rettet tekst

None of the streams use data augmentation as the single stream spatial network did not use any augmentation and we wanted to ensure consistency.