



We want:  $\frac{\partial \lambda}{\partial w}$  and:  $\frac{\partial \lambda}{\partial b}$

Obtain first:  $\frac{\partial \lambda}{\partial z}$

Consider:  $\lambda = T(C)$  and:

$$\begin{pmatrix} \frac{\partial \lambda_1}{\partial c_{11}} & \frac{\partial \lambda_2}{\partial c_{12}} & \dots \\ \frac{\partial \lambda_1}{\partial c_{21}} & \frac{\partial \lambda_2}{\partial c_{22}} & \dots \\ \dots & \dots & \dots \end{pmatrix}$$