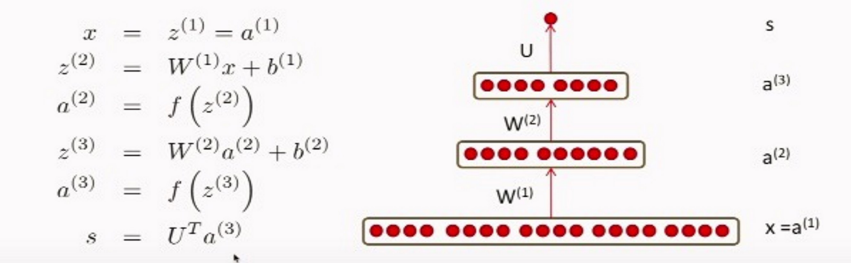


# Lecture 5: Back Propagation

2018年7月5日 星期四    下午4:31

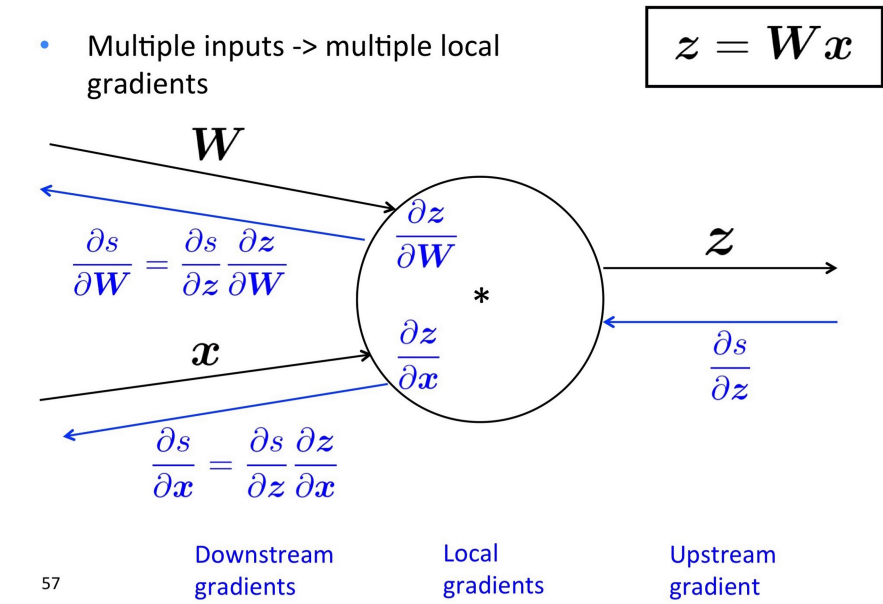
## Back Propagation



Two equations:

- $\delta^{(l)} = \left(W^{(l+1)}\right)^T \delta^{(l+1)} \otimes f'z^{(l)}$
- $\frac{\partial}{\partial W^{(l)}} E_R = \delta^{(l+1)} a^{(l)T} + \lambda W^{(l)}$

Recursively Apply chain rule through each node



Flow Graph Representation

