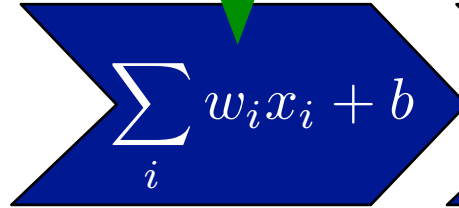


Backward = Learning

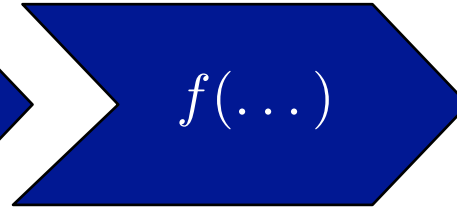
for correct class: $\Delta w_{c_n j} = +\phi_j(\mathbf{x}_n)$
for $m \neq c_n$: $\Delta w_{m j} = -\phi_j(\mathbf{x}_n)$

learning rule

Input



weighted sum



activation fct

Result

*For wrong
classification*

Forward = Computation