input $a^{(1)} = x$

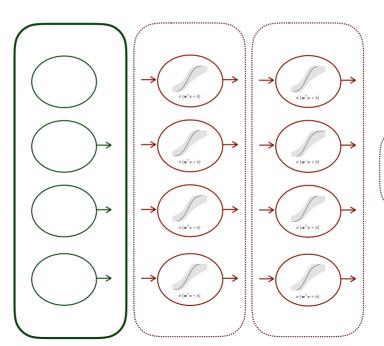x