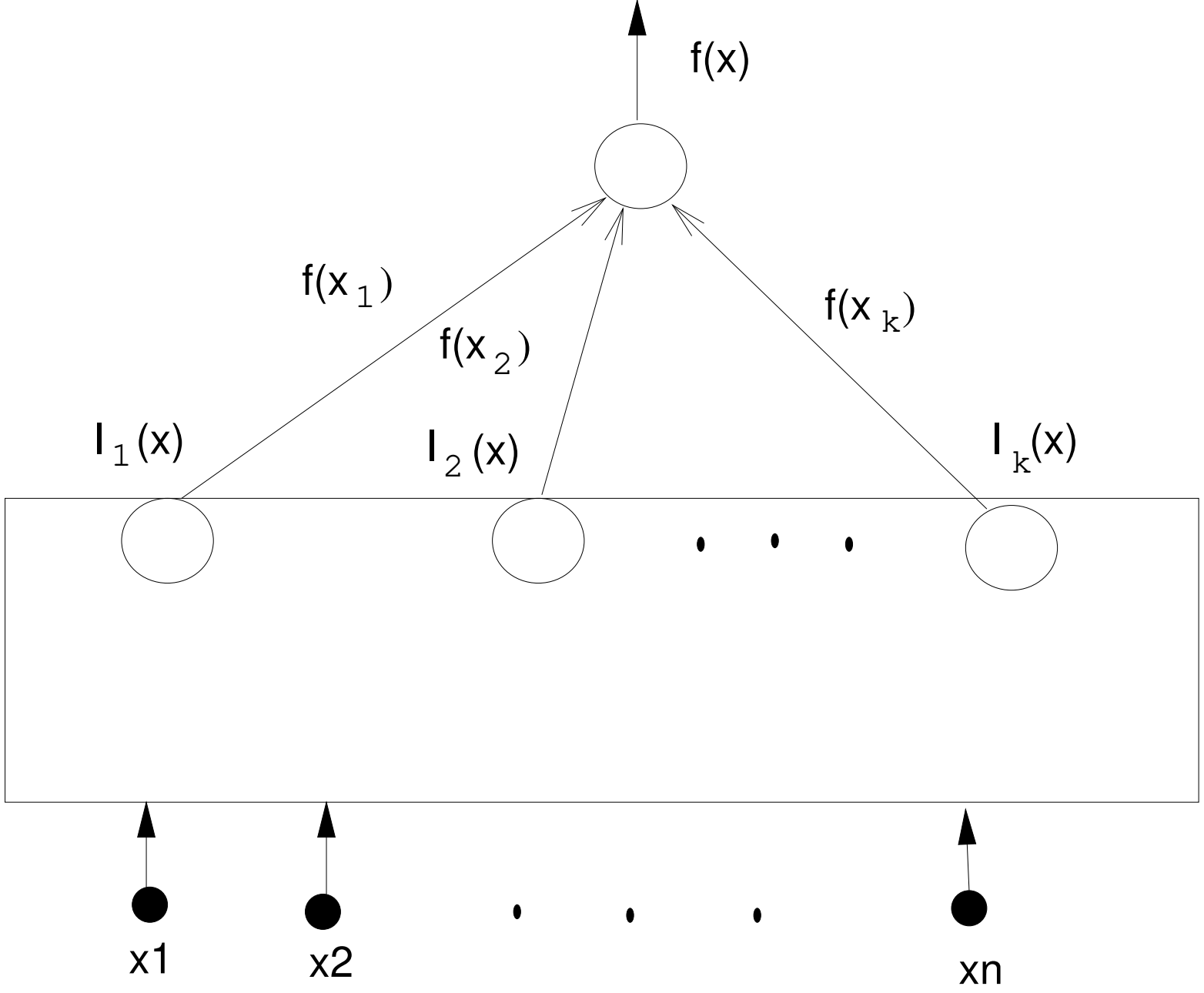

network that computes all $I_r(x)$