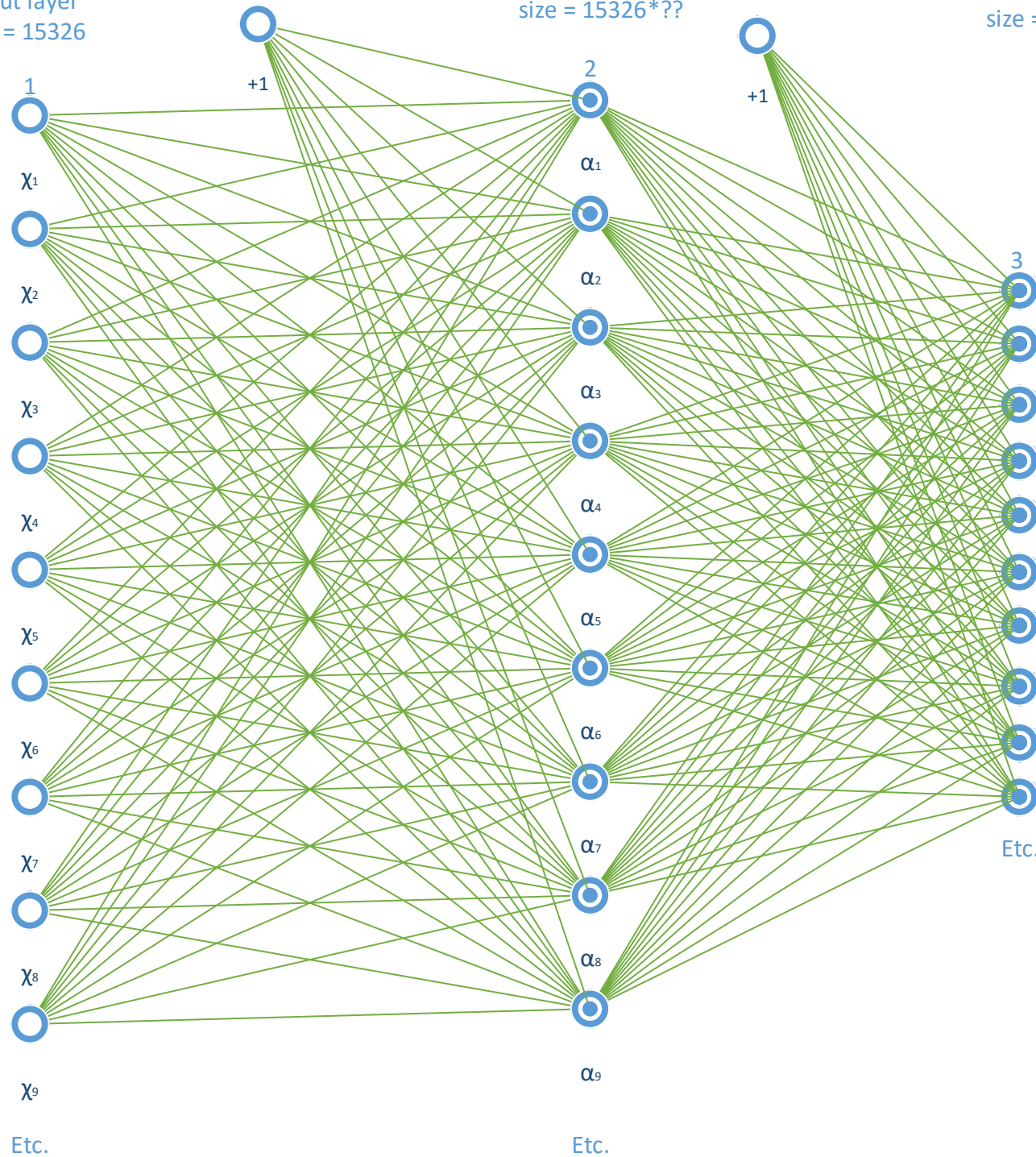


Input layer
size = 15326

Hidden layer
size = 15326*??

Output layer
size = 37



$$\eta_{\Theta}(X) \in 37$$