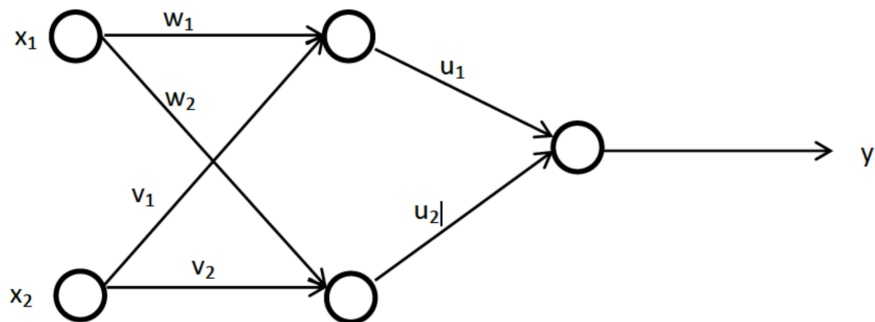
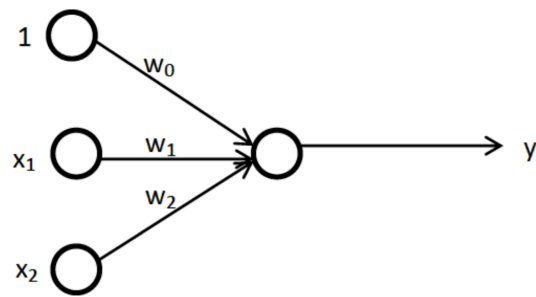


4) Let these networks be ADALINE. Derive the Delta rule for the following two networks.



Here  $x$  is input and  $y$  is output. Assume linear activation function (i.e.  $\sum(\text{inputs} * \text{weights}) = \text{output}$ ) for the neurons.