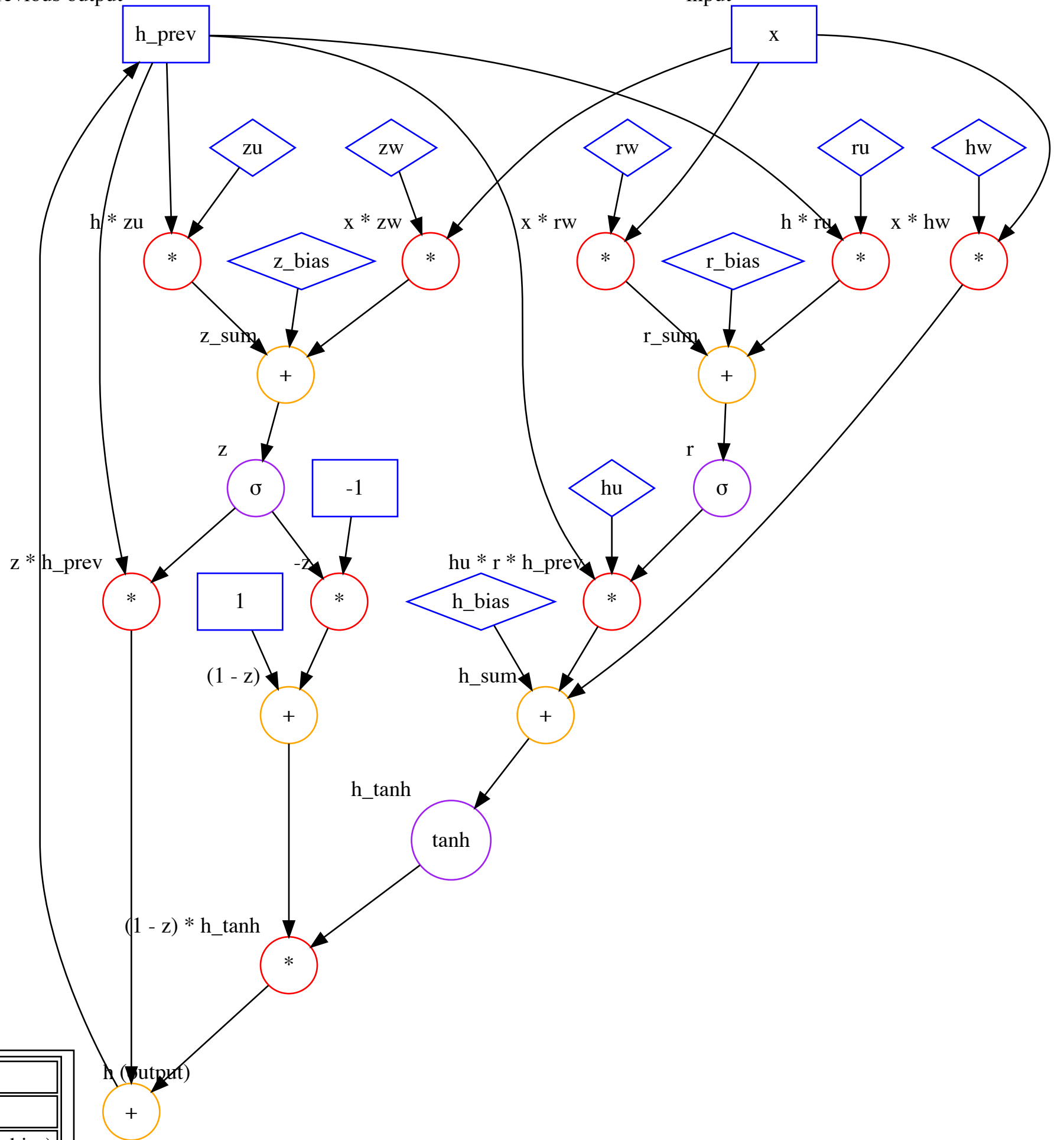


previous output

input



$$z = \sigma(zw \cdot x + zu \cdot h_{\text{prev}} + z_{\text{bias}})$$

$$r = \sigma(rw \cdot x + ru \cdot h_{\text{prev}} + r_{\text{bias}})$$

$$h = z \cdot h_{\text{prev}} + (1 - z) \cdot \tanh(hw \cdot x + hu \cdot r \cdot h_{\text{prev}} + h_{\text{bias}})$$