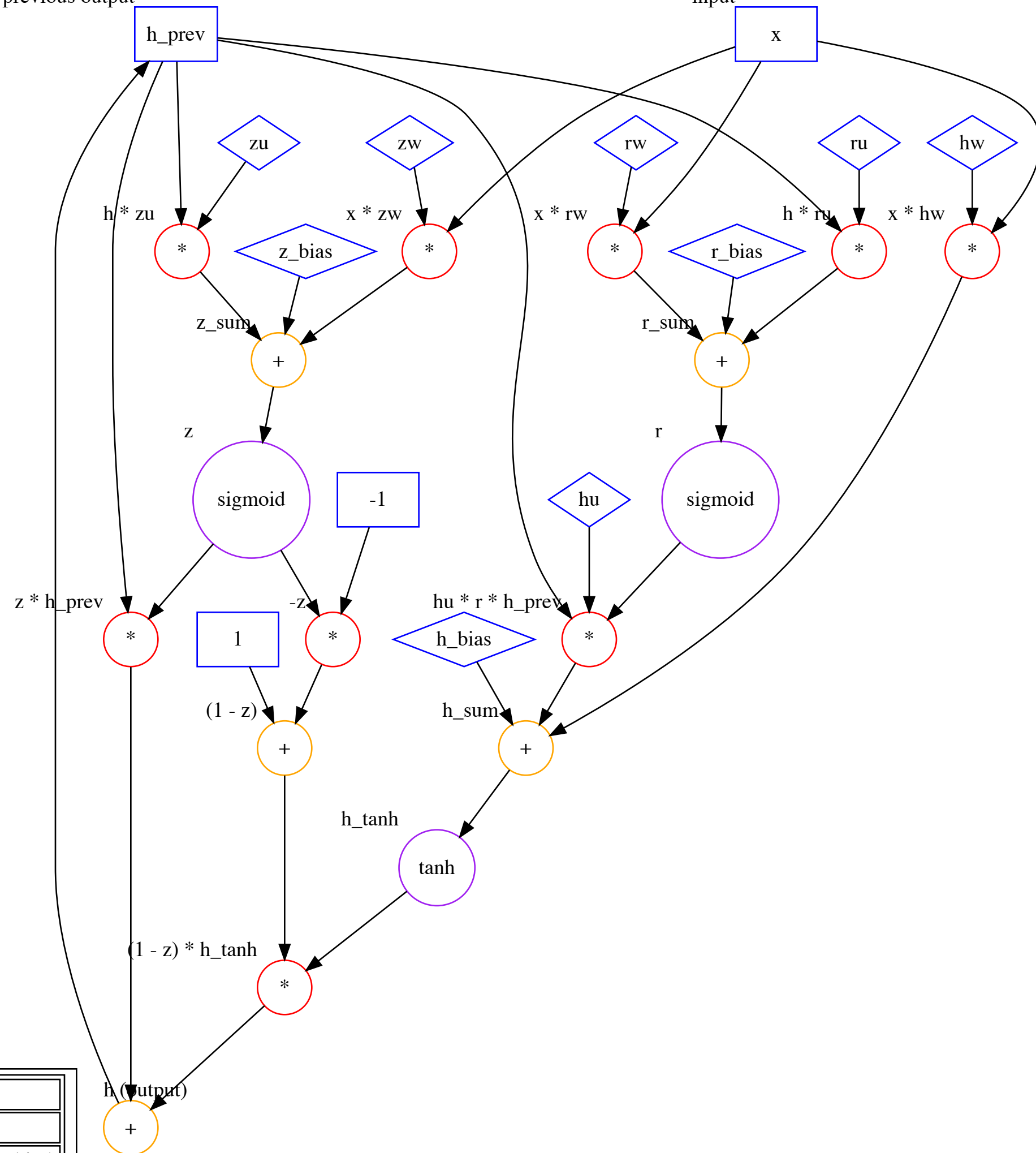


previous output

input



$$z = \text{sigmoid}(zw * x + zu * h_{prev} * z_bias)$$

$$r = \text{sigmoid}(rw * x + ru * h_{prev} * r_bias)$$

$$h = z * h_{prev} + (1 - z) * \tanh(hw * x + hu * r * h_{prev} * h_bias)$$