SML Amignimet-3 2019213 U+Karsh Duby 05 di = y; (D'n; + Bo) activation function will not change by charge As we have

Show = B-nd(d)

JB() Bonn - Bo - nd di) Here aplote rule is not changing as the distance is independent of the Jactivation function. d(D,Do) = - Eyi (BTnifBo =) BB=1 g(B) = BB-1 2 (P, Po) = 8 (B, Po) + 1 g (B) = - Eyi (B'nitBo) + 167 8 + 1) dd = - Egin; + 1 (BB) = 0 dd - - E y - 0 Have Brow = B- ond

Ponce = 
$$P_0 - n \frac{dd}{dP_0}$$

A hyperparameter.

 $n \rightarrow g_i \rightarrow gaughter \rightarrow g_2$ 
 $g_i = \sigma \left(\beta_1, n + \beta_{01}\right)$ 
 $g_2 = sym \left(\beta_{12}, g_i + \beta_{02}\right)$ 
 $di = -g_i \left(\beta_{12}, g_i + \beta_{02}\right)$ 
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 $di = -g_i \left(\beta_{12}, g_i + \beta_{02}\right)$ 
 $= -g_i \left(\beta_{12}, \sigma' \left(\beta_{11}, g_i + \beta_{01}, g_i\right)\right)$ 
 $= -g_i \left(\beta_{12}, \sigma' \left(\beta_{11}, g_i + \beta_{01}, g_i\right)\right)$ 
 $= -g_i \left(\beta_{12}, \sigma' \left(\beta_{11}, g_i + \beta_{01}, g_i\right)\right)$ 
 $di = -g_i \left(\beta_{12}, g_i + \beta_{01}\right)$ 
 $di = -g_i \left(\beta_{12}, g_i + \beta_{01}\right)$ 

ddi - - Ji Bre e di da di - Ji Bre e di di - (1+e) (B) ddi = -y: [ T [ B,, n + 1] ] B11 - B11 - nddi