



Dhe Dhe DL D (tanh (C+) ⊗ O+) 2L = 2L tanh (Ct) =0 2L = 2L 20. - 2L 2 ( o(a.))  $\partial L = \partial L (\Delta(\sigma)(V - \Delta(\sigma)))$  $\frac{\partial L}{\partial C_{\ell}} = \frac{\partial L}{\partial C_{\ell}} = \frac{\partial C_{\ell}}{\partial C_{\ell}} = \frac{\partial C_$ 21 - 24 (C. 0 + i,) DL = DL DĈŁ 21 2 (tanh (az)) DL = DL (1 - tanh (az))  $\Rightarrow$ DL = DL DCE 22 2 (C, of, + i, o C, 31 3C (C+ of + C,)

20: 21 21 20. کار کور 90: (2(01),  $\frac{\partial G}{\partial G} = \frac{\partial G}{\partial G} \left( \frac{\partial G}{\partial G} \left( \frac{\partial G}{\partial G} \left( \frac{\partial G}{\partial G} \left( \frac{\partial G}{\partial G} \right) \right) \right)$ 4= 4 9C 34 9CF 9CF = 8L of (Ct. of + 1, och) 9T = 9T 70 ST Str Of Jos Sat  $= \frac{\partial f_i}{\partial f_i} \left( \sqrt{(\alpha_i)(1 - \sqrt{(\alpha_i)})} \right)$ 2L 204 = Sr Sr - Sr K 3b 2v 2v 26 24 20/4 DOF DOF - ST ZIE 91 = 3r 30° DL JW. 306  $\frac{\partial L}{\partial b_{i}^{2}} = \frac{\partial L}{\partial \tilde{C}_{i}} \frac{\partial \tilde{C}_{i}}{\partial b_{o}}$ 3E = 3L ZI 9C+ = 3L 2hi Die 3 (1 - 3 L Z) Die - DL Zt 9F = 9F 3t 3pt JL 3pt 2FL 2Ft DE. 2WE 2WE al dat 24 da DL Dat 2L 2a. Jaf JZF Dao DZE 2a DZE dai dze 2 Z E = 2L Wa + 2L W + 2L WE DL W. Das