Daniel Adunas colora vector F(Y,W): 0(Y,W), (= 1N = 1/2 || F'(Y,W)-yn||2 0 = 20 = 20 = (F^(x, U) - 5) & Z (Q(x) WK) Jui & (on mun) is zero for K+j  $\overline{D} = \sum_{n=1}^{N} \left( F^{n}(y_{n}, u) - y_{n} \right) \phi_{,n}^{n} = \left( F^{n} - y_{n} \right) \phi_{,n}^{n}$ = < (E, 9; ) = < 2, 0; > (yn, an) = \frac{1}{2}yn.on = \f  $=\frac{N}{n}\left(\frac{\partial^{n}(x_{i})}{\partial^{n}(x_{i})},0^{n}(x_{j}),0^{n}(x_{j})\right)\partial_{n}-$ (Fr 0; ") = NZFr. 0; = N/Ft. 0; + Fr. 0; Fn- O(Xn). Wn So = n ( o(x'). U; d; + o(x2). U2. o; . - . ) = 1 ( \$ (x1) 6; + \$ (x2) 6; +...) W\* 三六工工业

41.

Thus / \$\but{\p\tau} = \frac{1}{2}\but{\p\tau} = \frac{1}{2}\but{\p\tau}'\but{\p\ta