MAC - helme 4.

10/07/2015.

Lent time: 1(n/12P(H) & h-8(n,i) /h//2 (M).

1-1 | h= | n=n,=0}.

Carez: localised non. 8q. ptr, 9100. line 1: localist neur 23,940. | lane2: localised nor. 3,1

55kmite ||w/+) n|| 21/2 line line.

| lw/+) w*(5)|| 1 m x || ||w/+) w/*(5) ||2.

W(+)W(s) n= (w(+,S,x,z) n(7) d=.

W(6,5, \hat{n},\bar{z}) = \frac{1}{h^{n-1}} \int \frac{1}{e^n} (4(6,\bar{x},5) - 4(5,\bar{z},5')) \begin{array}{c} b(6,9,\bar{x},\bar{z},5') \displays{1.5} (+ +a(+,2', Vx14)=0.

Model: 4(6,n,9')=(2,3') + 13'12.

751 (416, 2, 3') - 4 (8, 2, 3')) - V51 (22-2, 5+0(141))+ (4-5) (alt, n, 31) + 0 (161-151)

Model: = $\nabla_{\xi'}(\langle \bar{n}_{\xi\bar{\epsilon}}, \bar{3} \rangle + (4-s)|\xi'|^2)$. $\partial_{\xi}^2 \zeta'^2 \rho s. def.$

Model: $\bar{\lambda} - \bar{z} = 2(\epsilon, s) = 0 = s$, $\Rightarrow s = \frac{\bar{\lambda} - \bar{z}}{(\epsilon - s)}$.

Hessin 2(4-5)Id.

General Care: No critical point senders unloss 12-21くんしもら Hessian (t-s): (pos. lef). (MW/t, s, n, 2) = h - (n-1) (h+1+-s1) - 2 24,8, 2,2) Ble, s, 2,2). B supported 15-2/ < k/t - 51, 107 , 10 / 1, 26/ 5 (4-5) 1001 Model: 4(1,5, \bar{n},\bar{z}) = -(\bar{n}-\bar{z})^2/2(e-s) So, get from (30) hur 11w(+1w*(s)112>10 & h-2 (h+14-51) 12 For 12 -> 12 ,-Model: $\frac{1}{2(t-s)} ((x-\bar{t})^2 - (\bar{n}-\bar{s})^2).$ (t-5) ñ (G-2). V2 = (G-Z.)/(L-5). IBP $\frac{\Lambda(\bar{L}-\bar{L})}{1-\bar{L}}$, $\frac{\Lambda}{(\bar{L}-\bar{L})}$. 1 W/ 5. La (n=1) (h+16-51) (1+ 19-21) -~ (€. L-(n-1) (h+1+-s1)"(1+ 15-£1)-N1x-£1 (€ K1+-s1).

2

| W(f) W(s) ||₁² \(\lambda \lambd

Familier ride: $|\xi|^2 - 1 = 0$.

S, druken. $\mathcal{A}_{x}(r,u) = \begin{cases} 1 & |r-1| < h, |w-w_0| < h^{4}. \end{cases}$

Px = li lx (n-1) Xx

Nx = 9 (n) Fx (fx).

Muxl/12 = 1. 11 (MA-Imille Kh. n = 3(n) en (et (n,(s,-1) +36's') (2xh)n/2 (et (n,(s,-1) +36's') (2xh)n/2 (et (n,w) dr dw. [-8,-1] < h2x | 51/- < hx, |x1/ < h-x. No. I (n,1 (h)-la, no online, but éti(n,18,-1)+ n's!) on 1. On - Inc. 1 < h1-200, 1211 < h1-200, 1 1 hing かんな(れい)声

 \mathcal{A}_{i}