Sin (3-i)  $+ 8 \ln \left[ \frac{1}{2} \right] \times \cos \frac{1}{2} \cos$ 

þ(155) - þ(171) j iti: odd. cos jot ] out. Common [Sin (i-i) x sin(i+i) x) = cus (ix)]. [sin² (i+i) x:+ - [# 85n(j-i-i)d 8in(j+i+i)d cox(i+1)d]~ [8in (12) 8in 12 den: Sin(i+) x -> sin²ix Common : Cosja > [cosja > 28in/ja.] Son (j-i) × Sin (j+i) × Cos(id) } +
Sin (j-i-1) × Sin (j+i+1) × Cos (i+1) × → B. > (8m (5-1:41) < 8m (5+1) < as (11) < 0) - \$\frac{1}{3}\$ = ( sutin custin - custin sintin) and oB = tootid - costid) cosid. 3.

Sn[1(j-1)2 Sin(sti + Sin(j-i) ~ sin(j+i) ~ with - sin(j-i-i) ~ Sh (6+1+1)2 CO3(141)2) 8h(1-1) 28h (1+1)2 Sin(5-i-1)2 Sin()111)2 (Wsid) [ast 2-asja] - asja. - [ 2003 (1+1)x - 202 ja] as(1+1)x. [asid - as (1+1)2] + asid [as(i+1)x-\$ > [cos (ix) - cos (i+1)x] (cosix - cosix) 25/12/2 Cosia (cosia-woit) Finally (asid+asid) (asid-asid) (trfi) is odd

28/1/2 which 602/2 - 2 asix asix + cos 12 (usid - as (m) 2) > woid - as 12 son & + 8 in 12 son 2 Cosih [21 - x4] + 8mih [2-23]  $\frac{2}{3} + \frac{8in\lambda \cdot \lambda}{2}$ Cos212 (") - ( + abja ( 554) L 8nja. 6127d

$$\frac{1}{2j^{2}x^{2}} \left[ \frac{1}{2j^{2}x^{2}} - \frac{1}{2j^{2}x^{2}} \right]^{2}$$

$$= \frac{1}{2j^{2}x^{2}} \left[ \frac{1}{2} + \frac{1$$