



Trighomethic Integrals $Sin^{2} X + (os^{2} X = 1)$ $+ on^{2} X + 1 = sec^{2} X$ ue sin N 51n 4 x. cos3 x dx du= cos x de = J 51 n 4 x (052 x · (05 x dx = sin 4 x (1- sin2x) du SIN ZX = ZSIN X COS X = 100000 COS 2X = COS > X -SIn2 X sin x cus odd x dx du=: cos x dx SINON X. COS OF X OX u= cos du = -511 Ndx