(Jor 10, jaganue 85) & 3x 210(2x)dx pu = 3 x cos(su) = (-3 x cos(sn))-(-3.0 cos(20)) - 362 > - 352 + 3 x cus(zx)dx (tex; dg · ws(zx)dx) > - 30 2 3 xsin(2x) | - 3 San(2x) dx gru = x sin/ex / (" = = x sin La - = 0 sin/20) = 0 -> - 30 - 3 Saintzxlok

ghs S sin(2x) 4 2 tx 4 du = 2dx
4 2 2000 4 4 2 di (D) -> - 3-2 - 3 ( sin( u) du ->  $\Rightarrow -\frac{3\bar{u}^2}{2} + \frac{3\cos(u)}{4} \Big|_{0}^{2\bar{u}}$ pris 5008(4) 2 = 3 cos(2 = ) - 3 cos(0) = 0  $\rightarrow -\frac{3n^2}{2}$  } order.