(a) dy (x) - a dy 3 4(x) = x 4 (x) 100 Januare - Souther = Sx-400 e ex +18 4181 - (18) - (18) = i-d 9(2) d 4(2) = 24(2) - a2 4(2) => Leoning - DrJ'gl. 1 Och 22 9(x) - Saz 4(x-z)-4(z) = S(x) (18)2 (18) - G(8) - 1 (18) = Salv = 18 = Salv = (+18 + 1) - 2 4(8) - 1 4(8) = 1 € (8) (-82- 1) =1 = - - 2 = 2 = 1 9(x) - 15 28 2x2x . 12842 1 = -383+3183+518K ( 1 3+ 1 5 cm) 2) -2830-6:85-58+5

So + + 2+3 d4 = [ 2+3 + 2+4] = 1 (ii) \ c d\ x #1 4(#) = \ c \ d\ d\ d\ + \ = \ \ \ (\frac{1}{240}) \ d\ (ici) Sas Jan = ( ) at at money = [ ] y Un+ y2 + ] as why y ] = 0,837

Karing min 8 e = 30 = Roos O mont E = 20 - (R cos 6 cos 6) eg x eg = (-R cosp mind - R2 min proso - R2 cos p min proso) (-R3 mm + cos + (82 0 4003 9) )-= R ( + cos p mid ~30) + ces \$ 45 0 - 2 ces \$ cos 0 and 0 1 min 6 = 3 1 - 3 9 + 9 - 3 9 + 4 - 10 0 1 1 - 10 0 0 1 20 x 20 = Veo30 4 19 - 10 0 00 00 00000 = /2 4 3 - 5 3 9 500 0 = 500 - 3ntu 9 5 = Jd 8 Jd primin 0 = Jd 8 200 200 200 - 400 R3