2) entiles: selmin selmin , p? ~ V = 0-1, V(0) = 0 -1) + W Options detank vol: V(t1): (n-n)t++ w 1 = V(1-1)-W (1) z (1) = -n. Z(t) | z, (0) = Z  $\frac{z'(4)}{z(4)} = -\frac{1}{2} \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) \left(\frac{1}{2}\right) dt$  $\frac{1}{2} \int_{z_{1}} dz_{1} = -n \cdot \int_{z_{1}} \int_{z_{1}} dz_{2} dz_{3}$ ( using maple: z,(t)= e.((0-1)+1)-1-1 Usin Z(0) = Z = 1  $Z = e^{C} \cdot \omega^{\frac{1}{1}}$ thun: 2,(4)= 2. W. ((n-n)+ + w) mer he n-n ( = dv: 22/4) = (n.22/4) + le. no maltentions ma lov-S = 22H2) = 2x(+1) We Kendingram DV: Ron= 20'(+) + n20(+) hono geneous robul; on 2 2 (+) + 0 2 2 kg) = 0 (=> 2 L = C.e x.t perticulia -> =+ n. A = h.v ZAHA) = C.e V + V. R. Algenen: (=. <=( Z2/42) - V.R.) eV elars: 22(1)= [Z,(41)-V.A.e.,t.] = 2.t. V: [0,00[ -> ) V1(4) : 0 < t < t < t 2.[0,00[ -, )2,(4): 0< + & + a
2.[0] 2,(4): 1, ≤ + (in 2(1) = b. V (5) Le roden testa (was von 2 (tr) = N. 2, (tr) (met N=3 N. Z. (+A) = [Z, (+A) - V.R. ev. ] = ~ (+e-+.) + V.R

(2) = (+1-41) = 2V-QV-1/2 met le= 1/2 n-1

f 2-+= - ~ ~ ~ ~ ~ ( )

IN meves to be pointive; - ZV - kv 5 20 - NZV- Q.V. - Q >0 no for NZ >, R. Y , tr-ty worth megatical, down mich

mejeljh. 6) zie mople.