Haztagnae paneque (23.03.20) Tyche & = 5(a) organista & resorman organisma processor organisma processor organisma & moral Processor organisma organisma or arganisma for the solution of the second organism of the second of the second of the second of the second organism of the second of the second organism org 5'(20) = lim A2 = lim \$(20 + 12) - 5(20 Bruncale Honzlogani - guppeseryesolanie Madraya rpayloghan 1) (c) = 0 , C = const 2) (a) = La (rge LER), tracneocome (va) = 2va $3)(a^2)' = a^2 \ln a$, a > 0, transcens $(e^2)' = e$ 4) (loga ox) = stra, a >0, a +1, b raconsocome (ln a) 5)(scha) = cos & 6) (cosa) = -sina 7) (tga) = costa 8) (ctga) = - sinta 1 9) (aresin x) = 1 - x 10) (arecosta) = 1 - x

11) (arthan) - Ton 12) (arthan) - Tra 15) (sha) = cha 14) (cha) = sha 16) (ch) = 500 5) (the) - che Ocarbane zanhura properticuschase Typons a rosemann, a w(2) w v(x) where youther to extend on the second of the second o 1) (u=V) = w = 0 2) (4 · 0) = u'v + u v', 6 racmesone (cu) = cu 3) $(4)' = \frac{u'v - uv'}{v^2}$, traconsoonu $(6)' = -\frac{cv}{v^2}$ Typene menege grangere u = 10(2) where montograph & 20, 11
y = 5(4) - 6 no: 1/(20). Tronger introductions propagate y = 5(4(2))
massic meson hypergraphs & 20, nouncies & (20) = & (40) w (20) Technenjurecen auna Monglognon Rycms y=f(2) wheeler monteques I morse as . Thoras & racameurras a rappury and promise & the (20, 40), yearners konozon weekn Jug. 4-Ko = f'(20)(2-20)

I Am smar 5'(20)=682 , 190 d - grow manore smar вышени, постещен чере мого госание, изгодинию в грания в грания в преста в преста в грания в госания в грания в госания в грания в госания в госа Ease 5 (a) =0 (raconsumme injuganamena), no regulares Tyens from the representatives (note life to to) spulse grand in a super representative a son tops ty4= 1+ 51(20) 52(20) Lorapuquentosase. ponytoprae or unagugura som pyrenu (lng) = \$ Totagareusto cherennu gegregue u(a) (a) (w) = w o' thu + w - w o Thouslogues realton pyrkymi Tyens y= y(a), obringarousae spousegrai la , zagasa F(a, y) = 0

Fig. 9-0 (man & crassacorae parkyain or 2) a fazzan yearen songresson yourselve ourselverson y Rederlogene because Apage Stangegran am 5 (2) rapplasman hjænslegen uptar ngaget skongegran am 5 (2) rapplasman hranslegten stage agaget of 5(2) (un thefor hjænslegen) a vargernere 5 (2) otranosures enjegementrae yourlogram mienters egigen. Thaylogram (x) to hopegha - 500 (a) zagazhan zajanenzineene Rycons 4. f(2) enjoquesa rajanenpurecon a = a(b) a government a (b) to a pureur a(b) to a y = f(a) when aparelogues of to a a(to), me y'(20) = 40(60) wa ya = 46 Buojan sparstignan & (2) nasoguman Yax = 46 2t - 2" 4t