Метод на Легренис 7(n) + 91 7(n-1)+--+ 947 = f(31) 7(m)+e1 / 1-1-+ e47 =0 Pemenne me xorioiennois Jolx/= (18/1)+···+ (4 84(4) Bepapere ne koncreniure sucred au de yenne 7(4)= (1(x)41(x) + --- + (x)4(x) C1 91 + --- + Cn 9n = 0 c1 41+ -- + C4 44 =0 (1/8/4-1) + -- + (n/8/4-1) = f(1) Murrey & + x = sint "イスラの -> メンジュー > メルジュー 土じ XolH = C1 cost + c2 siyt remember > x1+) = c1(+) cost + c2(+) smt $\begin{cases} c_1 \cos t + c_2 \sin t = 0 \\ c_1 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_1 \\ c_2 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_1 \\ c_3 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_4 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_4 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_4 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_4 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_4 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) = \frac{1}{s_1} c_2 \\ c_5 (-s_1 + c_2) + c_2 (\cos t) + c_3 (\cos t) + c_4 (\cos t) + c_5 (\cos t$ cos² + + 5 424 C11H = S(-1)dt+K1 -> C1(H=-t+K1 (2(t) = Sant dt + Kz = Salusmt + Kz = lusmt + Kz $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - 0\cos p \text{ perment}$ $\chi(t) = (-t+\kappa_1)\cos t + (\ln \sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\sin t + \kappa_1)\sin t - (\cos p)\cos t + (\cos p)\cos t - (\cos p)\cos t - (\cos p)\cos t + (\cos p)\cos t - ($ $\lambda^2 + 2\lambda + 1 = 0 \quad (\lambda + 1)^2 = 0$ $\lambda_1 = \lambda_2 = -1$

 $\frac{32}{31} - 431 = 531 + 2(-31 - 431)$ $-\frac{3}{31} - 431 = 531 - 231 - 831$ $-\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 331 = 0$ $-\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 331 = 0$ $-\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 231 + 331 = 0 \Rightarrow \frac{3}{31} + 231 - 31 = 0$ $\frac{3}{31} - 311 + 311 = 0$

 $\frac{3}{3} = \frac{3}{3} = \frac{2}{3} = \frac{2}$ 72 = 1 (-X1+2X1) $\frac{3}{2}$ $\frac{3}{2} = \frac{1}{2} \left(-\frac{3}{1} + 2\frac{3}{1} \right)$ $\frac{1}{2}(-3i,+2x_1)=-3i_1+3.\frac{1}{2}(-x_1+2x_1)$ - 71 + 271 = -271 - 37, + 6 X1 -31 + 231 + 331 - 431 = 0 $x_1 - 5x_1 + 4x_1 = 0$ -31 + 531 - 4x1 = 0 $\lambda^2 - 5\lambda + 4 = 0$ $\lambda_1 = 1$ $\lambda_2 = 4$ 211+1= Ciet +cze4+ 3(1 = cret + 4 cre4+ x2 = 1 (- (1et +4cze + 2 cze + 2 cze 4) = 12 ((1et - 202e4+) $(2) \quad \ddot{x} - 6\dot{x} + 9x = \frac{2}{4}$ $\frac{\Delta_{OM}}{2} \left| \frac{\hat{x}_1 = 5 \times 1 - \times 2}{\hat{x}_2 = 2 \times 1 + 2 \times 2} \right|$

$$(3) \quad \overset{\circ}{x+2x+x} = te^{t} + \underbrace{1}_{tet}$$