



· 640 perengupy y1 = 54, +34, y1"= 541+ 342, Buspaxoup y2= 4,"-54; · Borpoxalo ya us 1-10: ya = 41-59, • побитавной предовницие выражения в (4) yi'-54; = 4y, + 3y; -35y; /03 4, -54, = 1241 + 04, - 454, •  $y_1'' - 14y_1' + 33y_1 = 0$  // ONDY TI nopag KA D = 106 - 120 - 12 = 76 - 12 = 64 $\lambda = 14 \pm 8 = 7 \pm 4 = -3; 11$ U TOID PRIME MUR ONDY 910 Y1: C18 + C2 e 11x  $y_{2} = 3C_{1}e^{3x} + ||C_{2}e^{4x}||^{2} + 5C_{1}e^{3x} - 5C_{2}e^{4x} - \frac{3}{3}C_{1}e^{3x} - \frac{3}{3}C_{1}e^{3x} - \frac{3}{3}C_{1}e^{3x} - \frac{3}{3}C_{1}e^{3x} + C_{2}e^{4x} + \frac{3}{3}C_{2}e^{4x} - \frac{3}{3}C_{1}e^{3x} + \frac{$ 











