







3 agarue 4 (y"+ y = 6e-t (y"+ y = 6e-t (0) = 1 y = Y y = pY - y(0) = pY - 3 ||p| - y(+0) y = p(pY - 3) - 1 ||p(pY - y(+0)) - y(n)| $p^{2}Y-3p-1+Y=\frac{1}{6p+1}.$ $y(p^{2}+1)-3p-1=\frac{6}{p+1}.$ $y=\frac{6}{p+1}+\frac{3p+1}{p+1}.$ $y=\frac{6}{p+1}+\frac{3p+1}{3p^{2}+4p+1}.$ $Y = 3P^{2} + 4p + 7$ $(p^{2}+1)(p+1)$ 3 mo He npocmetimos $3P^{2} + 4p + 7 = Ax + 13 + C$ $(p^{2}+1)(p+1)$ $= (A+C)p^{2} + (A+B)p + (B+C)$ $(p^{2}+1)(p+1)$





