

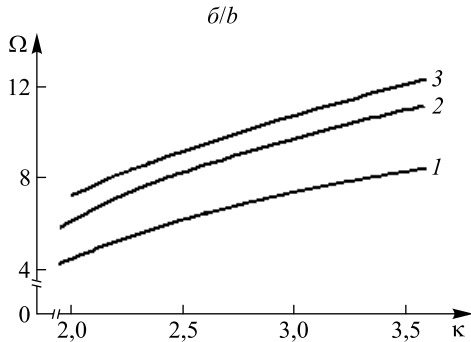
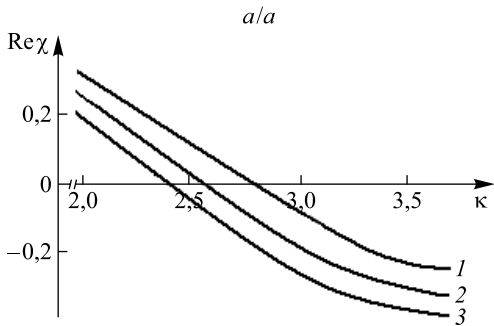


Рис. 1. Зависимости действительной (*а*) и мнимой (*б*) частей корней характеристического уравнения от уровня возбуждения (накачки):

$$\Delta_0 = -0,04 \text{ (1)}, \Delta_0 = 0 \text{ (2)}, \Delta_0 = 0,04 \text{ (3)}, \beta = 0,15, \gamma = 0,34, \\ \tau_r = 7,0 \cdot 10^{-3}, T_1 = 2,0 \cdot 10^{-9} \text{ с}, T_2 = 5,0 \cdot 10^{-12} \text{ с}$$

Fig. 1. Dependences of the real (*a*) and imaginary (*b*) parts of the roots of the characteristic equation on the excitation (pumping) level:

$$\Delta_0 = -0.04 \text{ (1)}, \Delta_0 = 0 \text{ (2)}, \Delta_0 = 0.04 \text{ (3)}, \beta = 0.15, \gamma = 0.34, \\ \tau_r = 7.0 \cdot 10^{-3}, T_1 = 2.0 \cdot 10^{-9} \text{ s}, T_2 = 5.0 \cdot 10^{-12} \text{ s}$$