

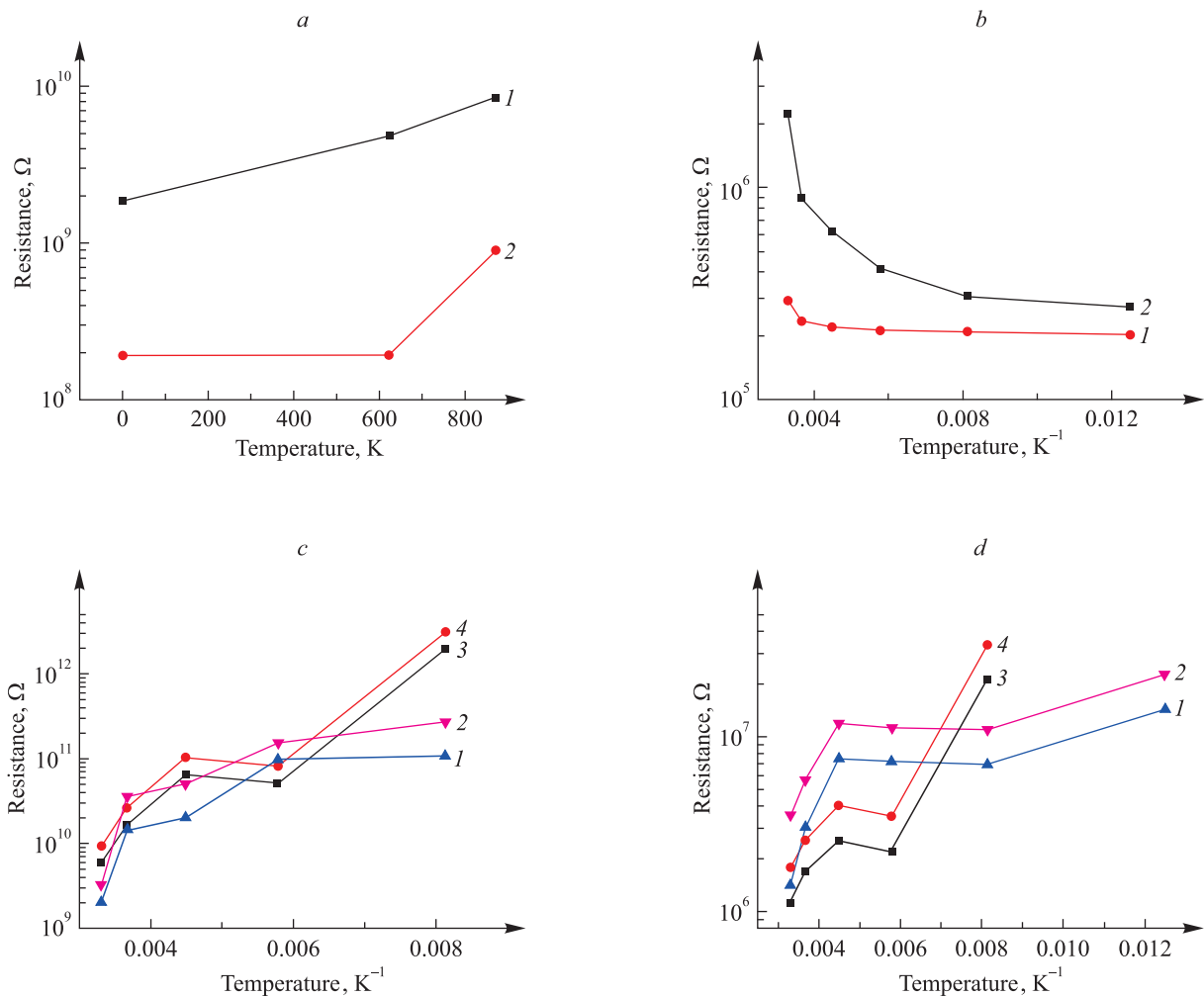


Fig. 6. Dependences of the resonant RCL-circuits active resistances (1 – R_1 , 2 – R_2) on the annealing temperature (a) and the temperature dependences (1 – unannealed, 2 – $T_{\text{an}} = 623$ K) of the additional resistance R_3 (b), as well as the reactive elements (1 – R_{C1} , unannealed; 2 – R_{L1} , unannealed; 3 – R_{C1} , $T_{\text{an}} = 623$ K; 4 – R_{L1} , $T_{\text{an}} = 623$ K) of the first (c) and the second (1 – R_{C2} , unannealed; 2 – R_{L2} , unannealed; 3 – R_{C2} , $T_{\text{an}} = 623$ K; 4 – R_{L2} , $T_{\text{an}} = 623$ K) (d) resonant RCL-circuits of ESC in the $(\text{Fe}_{0.45}\text{Co}_{0.45}\text{Zr}_{0.10})_{0.31}(\text{Al}_2\text{O}_3)_{0.69}$ nanogranular composite film, deposited in Ar – O₂ mixture