

In order to determine the effect of temperature on the precipitation and dissolution of thallium oxide, cyclic polarization curves were taken at different temperatures, without and with ($\omega = 500$ rev/min) sweep rate of solution (Fig. 7).

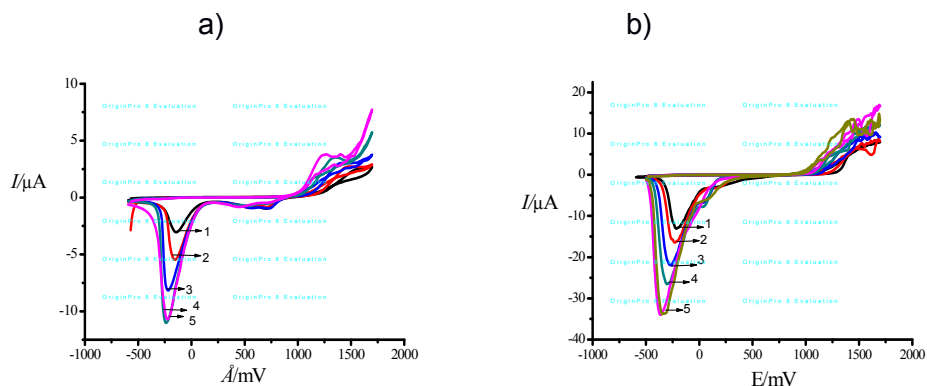


Figure 7. Cyclic polarization curves on the glassy carbon electrode at different temperatures, without sweep rate of solution (a) and $\omega = 500$ rev/min (b), Tl_2SO_4 , $c = 10^{-2}$ mole/L. 1- 20; 2- 30, 3- 40; 4- 50, 5- 60 °C

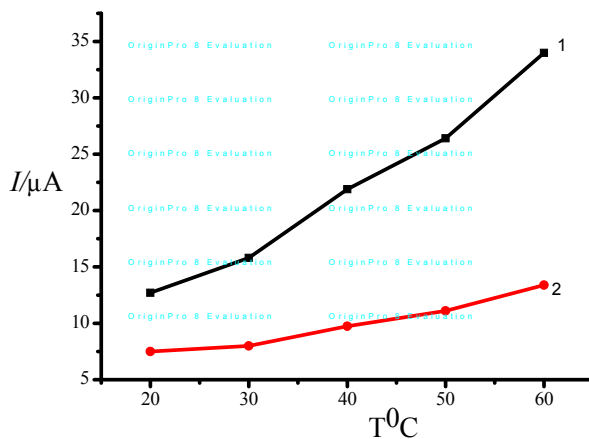


Figure 8. The amperage density dependence of cathode (1) and anode (2) peaks on temperature (Tl_2SO_4 , $c = 10^{-2}$ mole/L)