

Invention relates to the field of materials science, specifically to new intermetallic thermoelectric alloys, and can be used as thermoelectric material in the manufacture of thermoelectric generators or thermoelectric cooling devices. Thermoelectric alloy containing titanium, nickel, niobium, and tin additionally contains antimony, with the following component contents, wt. %: titanium – 21.00-19.99; niobium – 2.04-0.41; nickel – 26.00-25.79; antimony – 1.62-0.54; tin – the rest. Invention makes it possible to increase the power factor from 26.41 to 35.06  $\mu\text{W}/(\text{K}^2\cdot\text{cm})$  at a temperature of 300 K.