

TABLE 8-4

Thermoelectric sensitivity $S = dE/dT$ of thermoelement made of materials listed against platinum, $\mu V^{\circ}C^{-1} \dagger$

(Reference junction kept at a temperature of $0^{\circ}C$)

Bismuth	-72	Silver	6.5
Constantan	-35	Copper	6.5
Nickel	-15	Gold	6.5
Potassium	-9	Tungsten	7.5
Sodium	-2	Cadmium	7.5
Platinum	0	Iron	18.5
Mercury	0.6	Nichrome	25
Carbon	3	Antimony	47
Aluminum	3.5	Germanium	300
Lead	4	Silicon	440
Tantalum	4.5	Tellurium	500
Rhodium	6	Scenium	900

\dagger According to Lion [6].