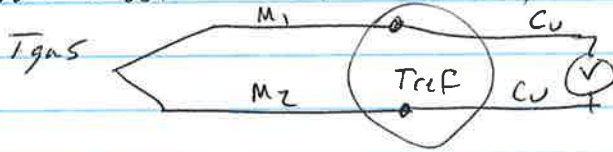


Thermocouple $10^{-3} - 1$ Torr

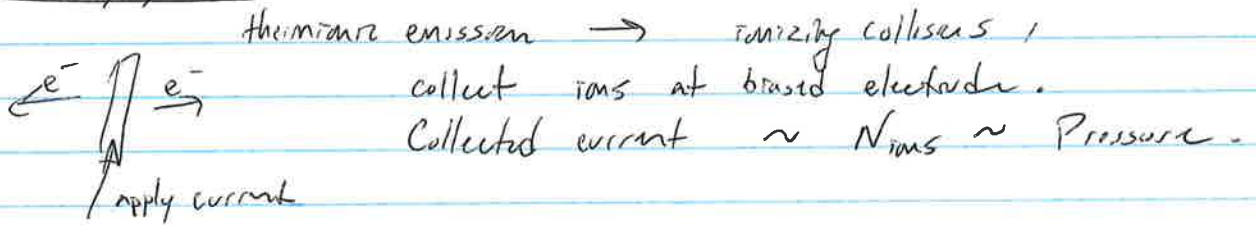
Seebeck effect: $\Delta V = -S(T) \Delta T$



$S(T)$ material dependent

$$V = \int_{T_{ref}}^{T_{use}} S_1(T) - S_2(T) dT$$

ionization gauge : $10^{-10} - 10^{-3}$ Torr



Baratron : $> 10^{-3}$ Torr (?)

diaphragm displaced due to differential pressure,
changes capacitance of diaphragm - electrode system.
measures P via change in C.

