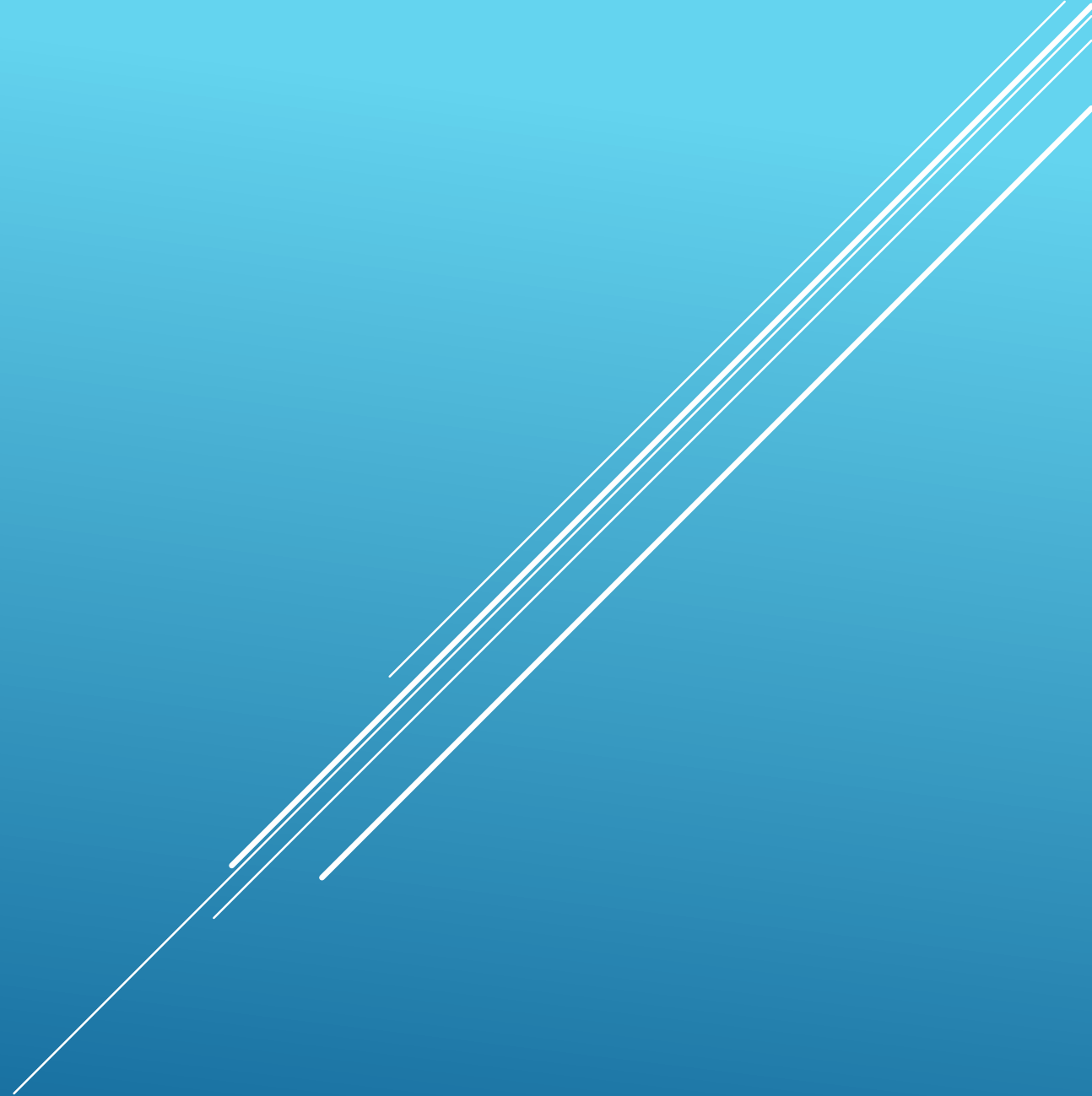
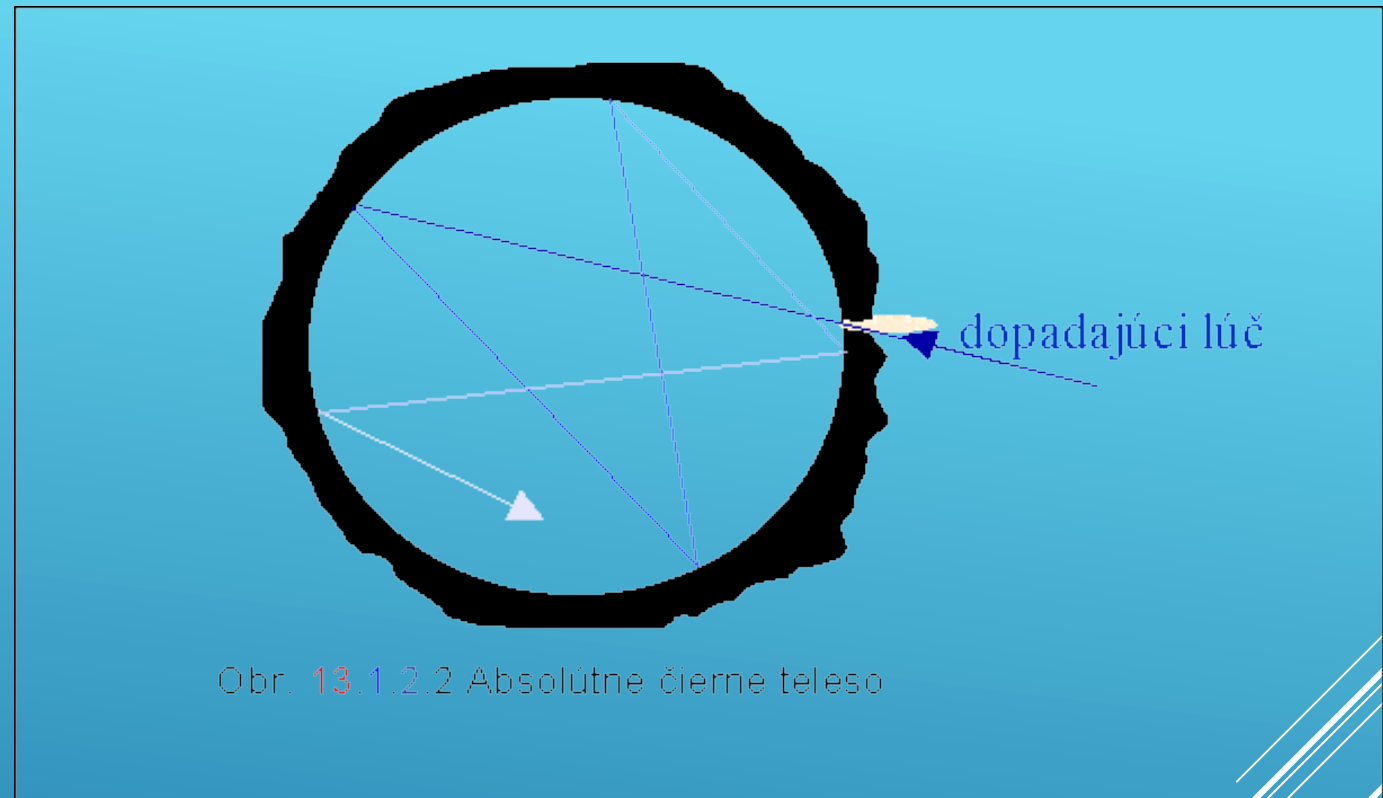
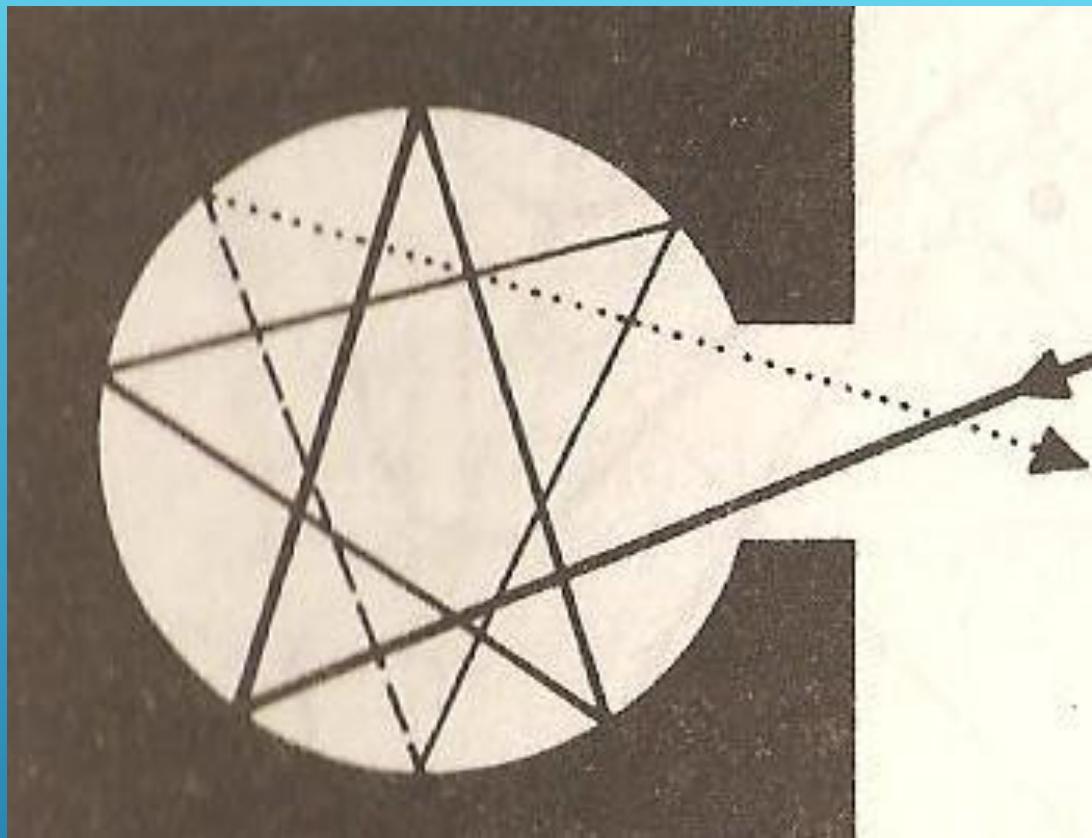


TEPELNÉ ŽIARENIE



- ▶ EM vlnenie
- ▶ Zdrojom každé teleso
- ▶ Vzniká tepelným pohybom atómov a molekúl
- ▶ závisí od teploty, zloženia a štruktúry objektu

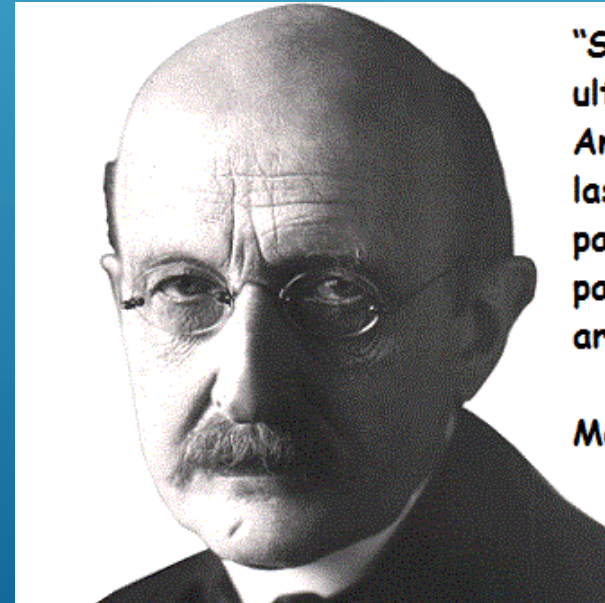
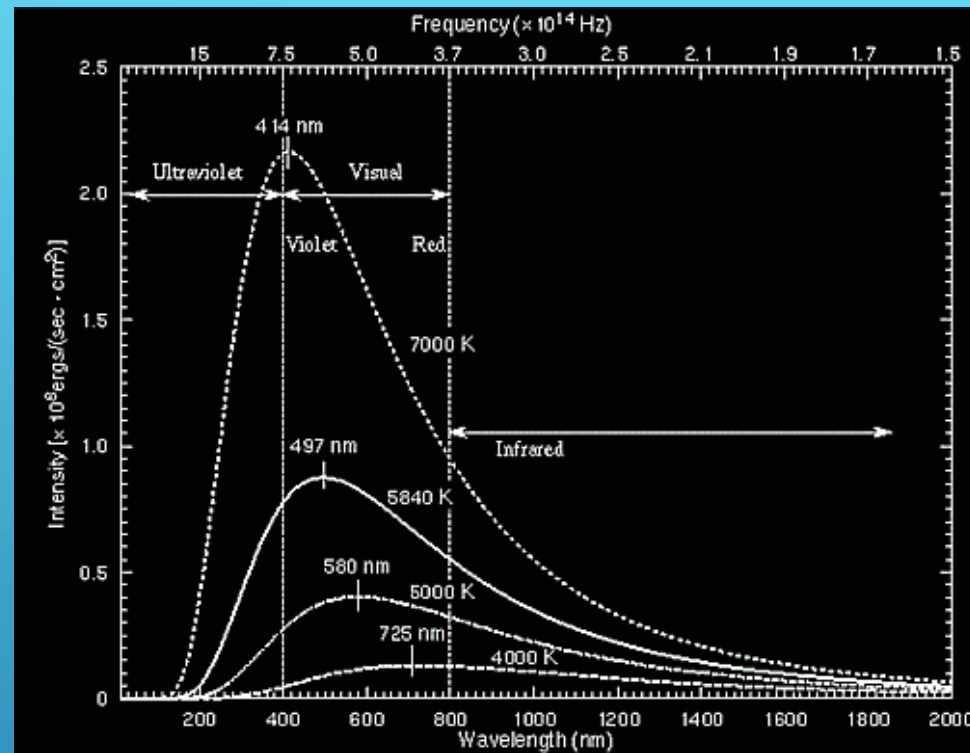
Farba	Teplotný interval [°C]
náznak červenej	500 – 550
tmavo červená	650 – 750
jasno červená s nádychom oranžovej	850 – 950
červená s nádychom do žltá	1 050 – 1 150
vznikajúca biela	1 250 – 1 350
biela	1 450 – 1 550



ABSOLÚTNE ČIERNE TELESO

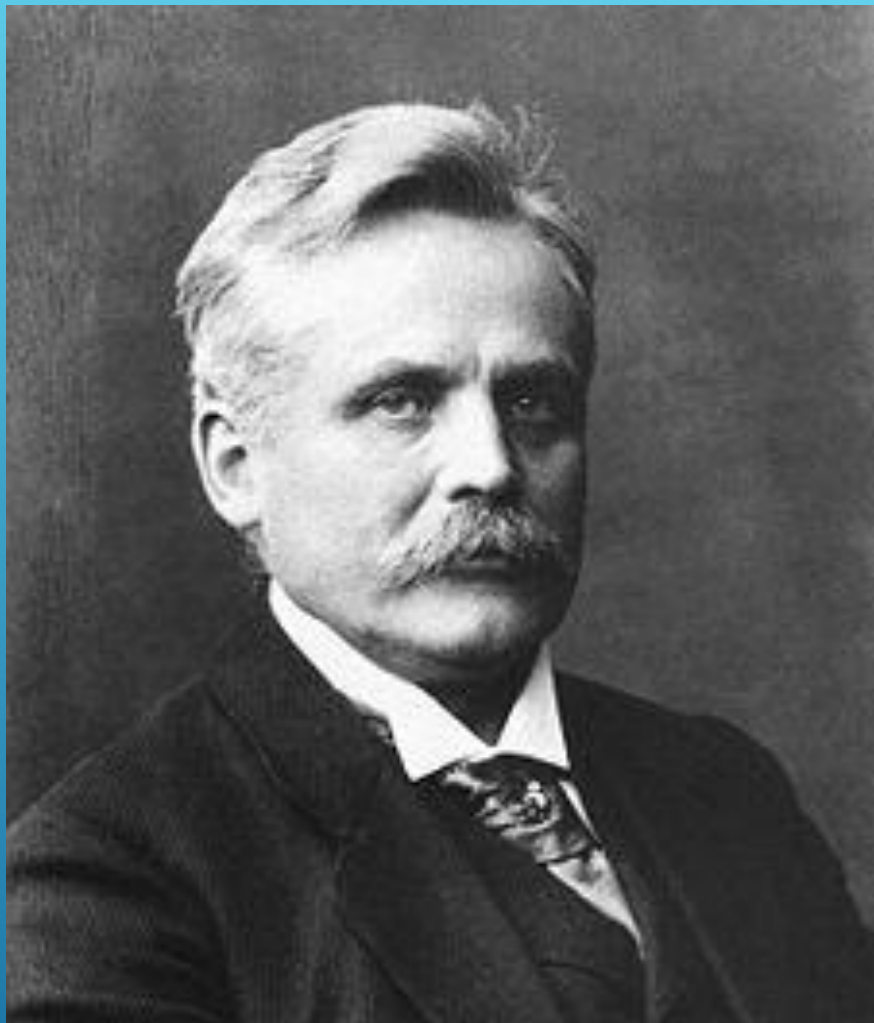


MAX PLANCK

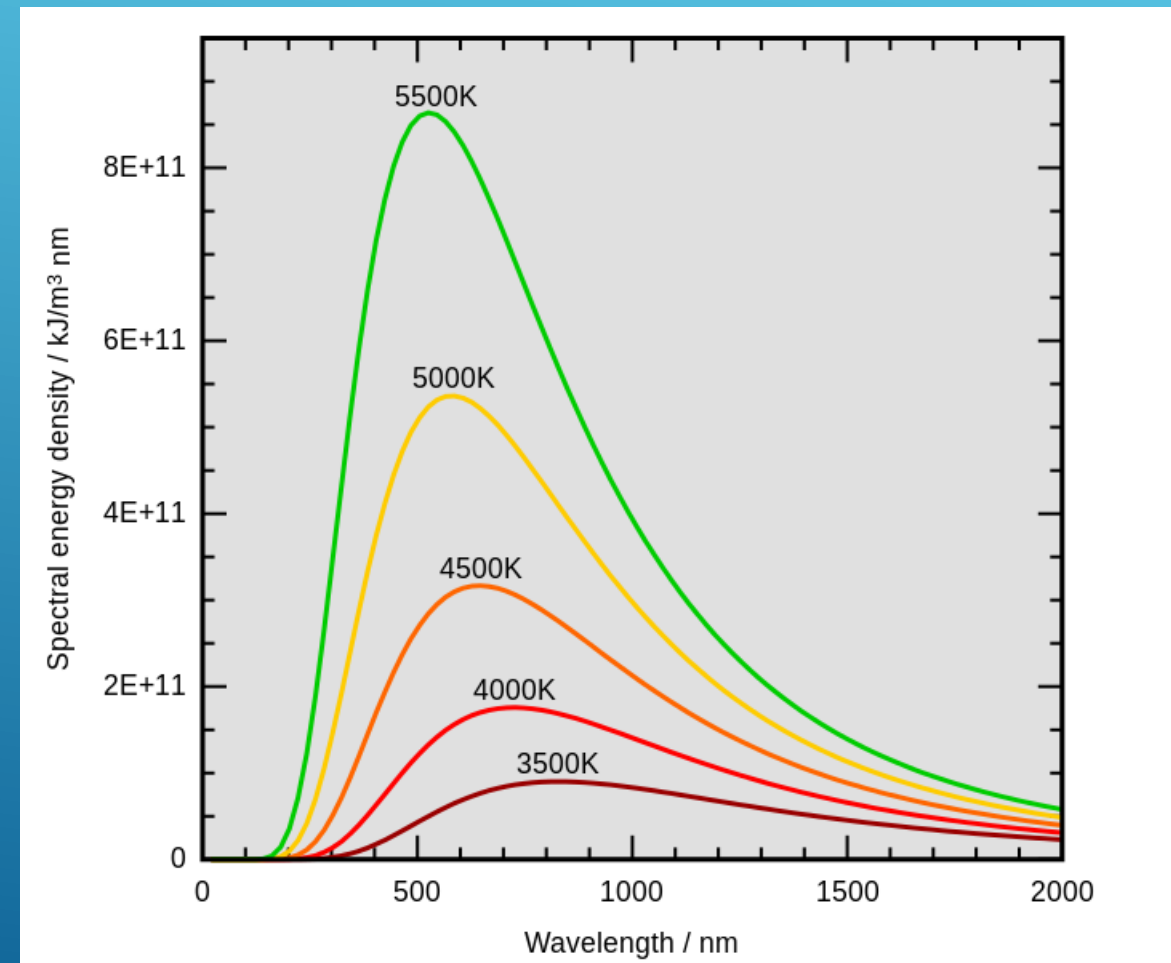


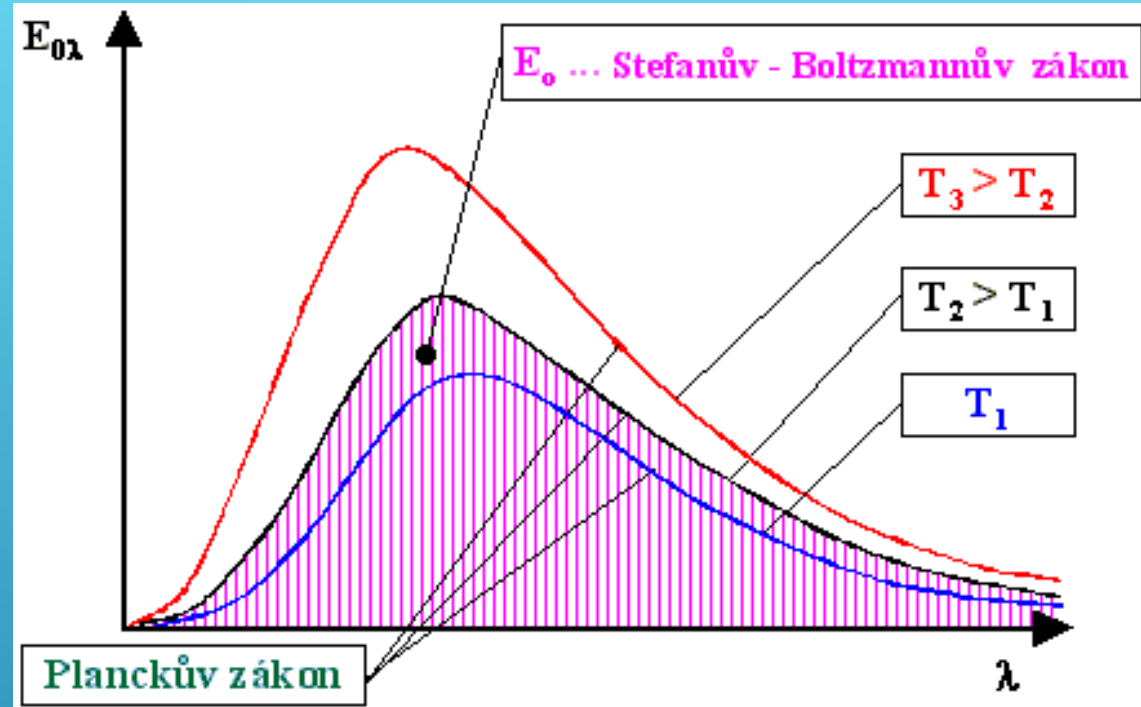
"Science cannot solve the ultimate mystery of nature. And that is because, in the last analysis, we ourselves are part of nature and therefore part of the mystery that we are trying to solve."

Max Planck

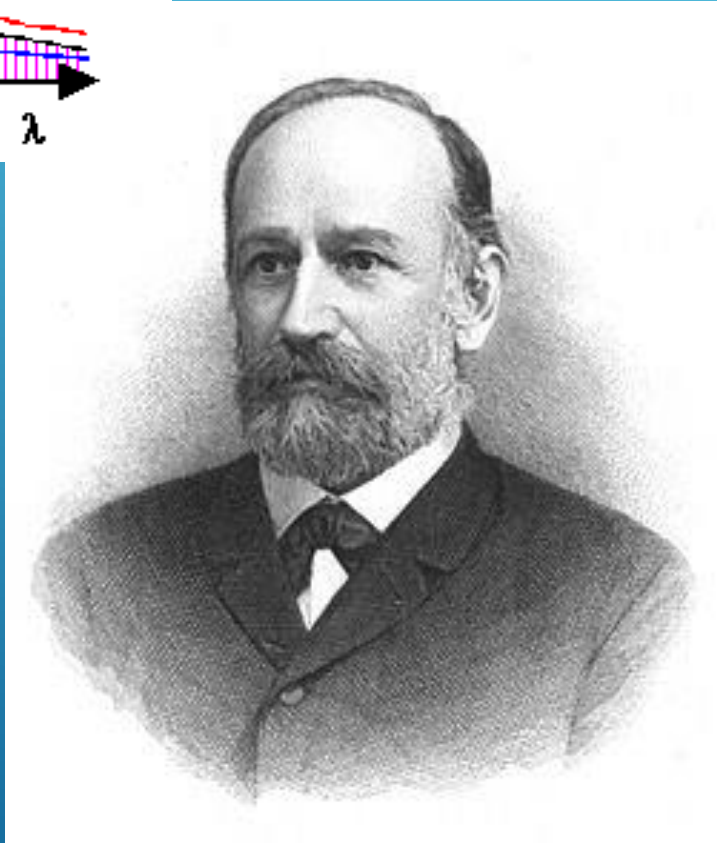


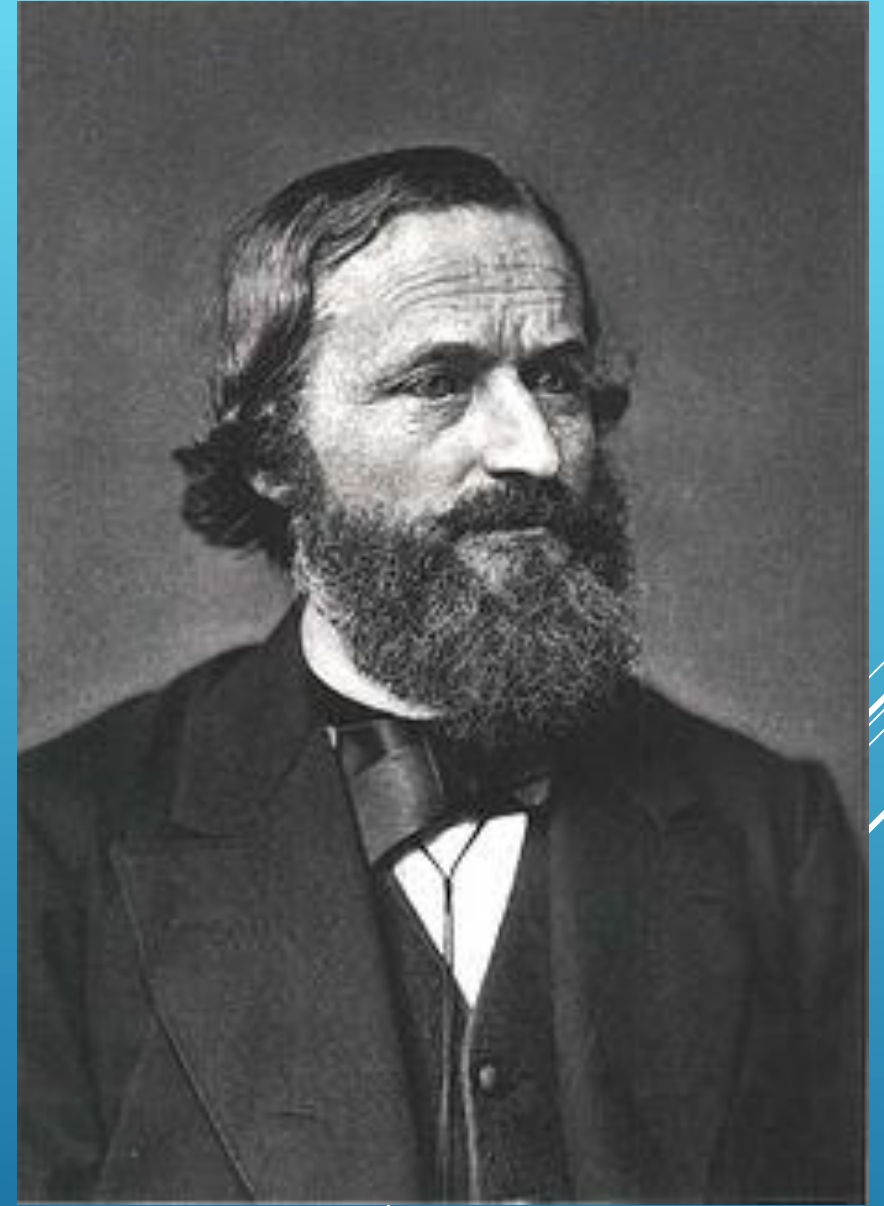
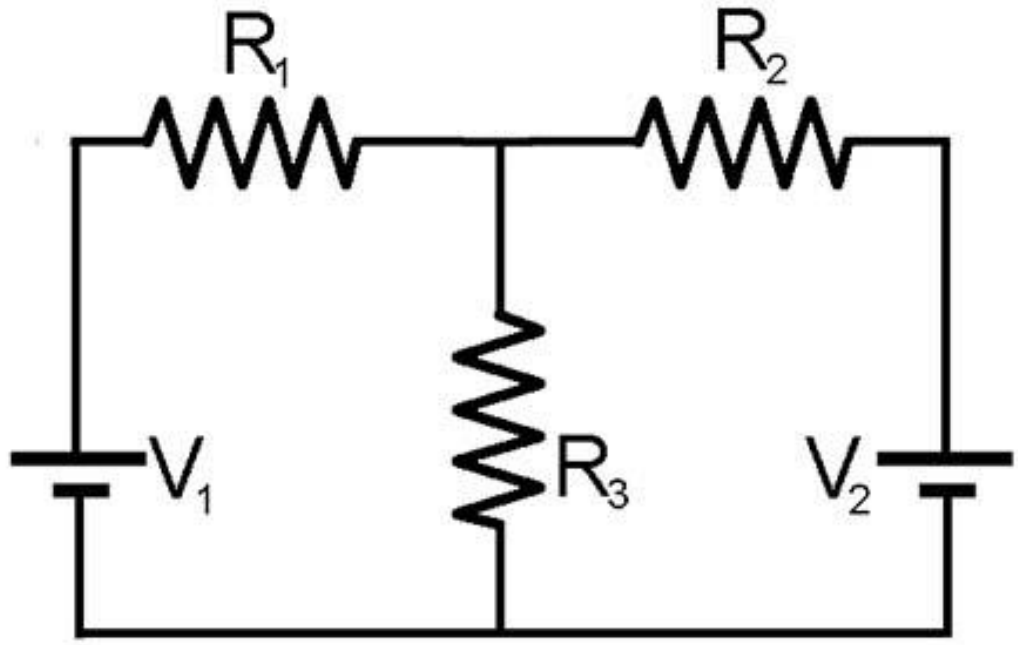
WILHELM WIEN





LUDWIG BOLTZMANN
JOSEF STEFAN





GUSTAV ROBERT KIRCHHOFF

ĎAKUJEM ZA POZORNOST! 😊

