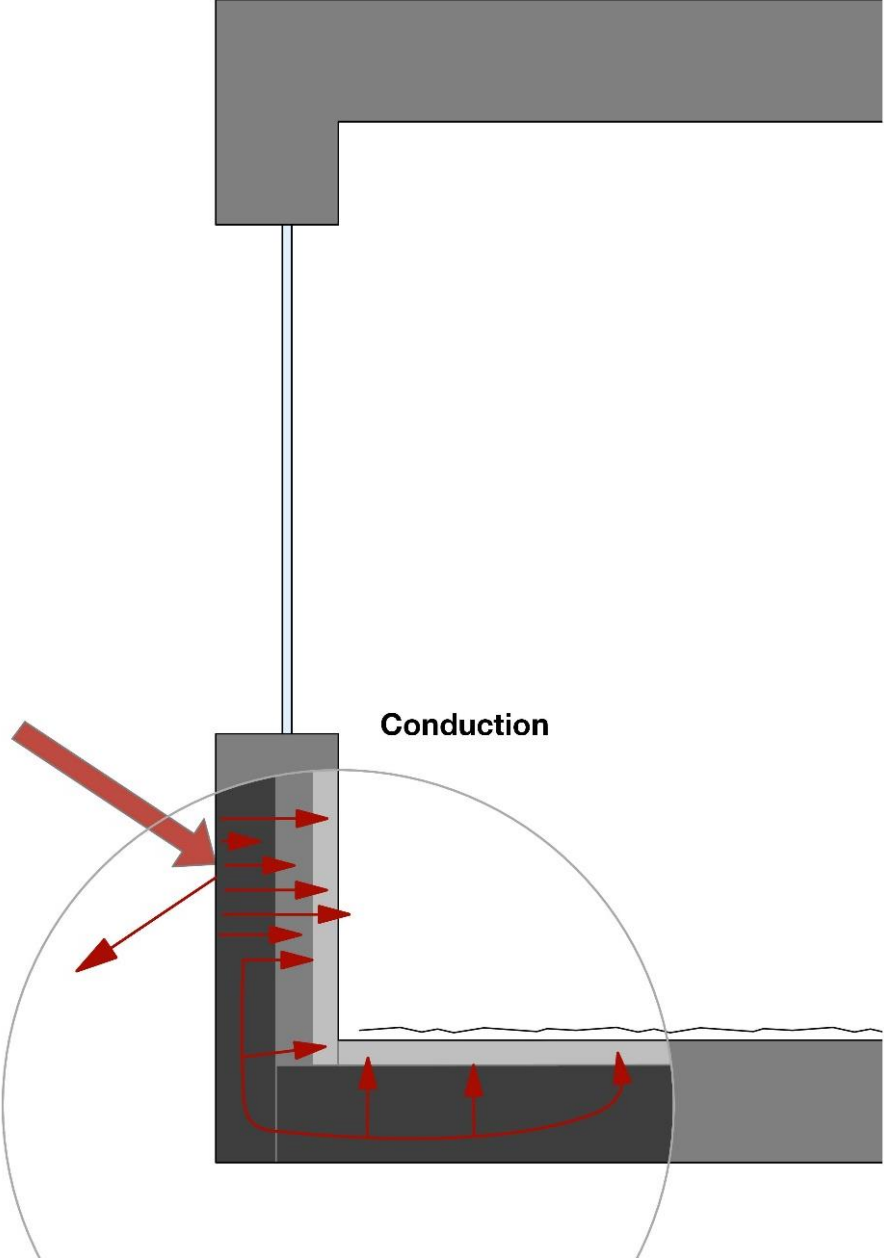
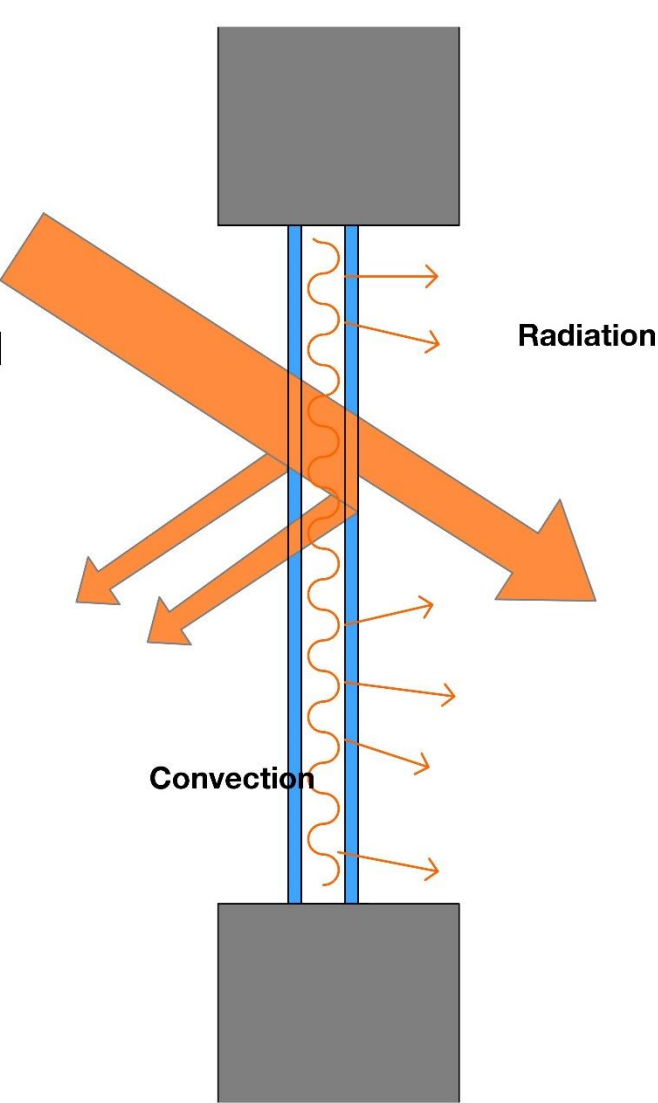
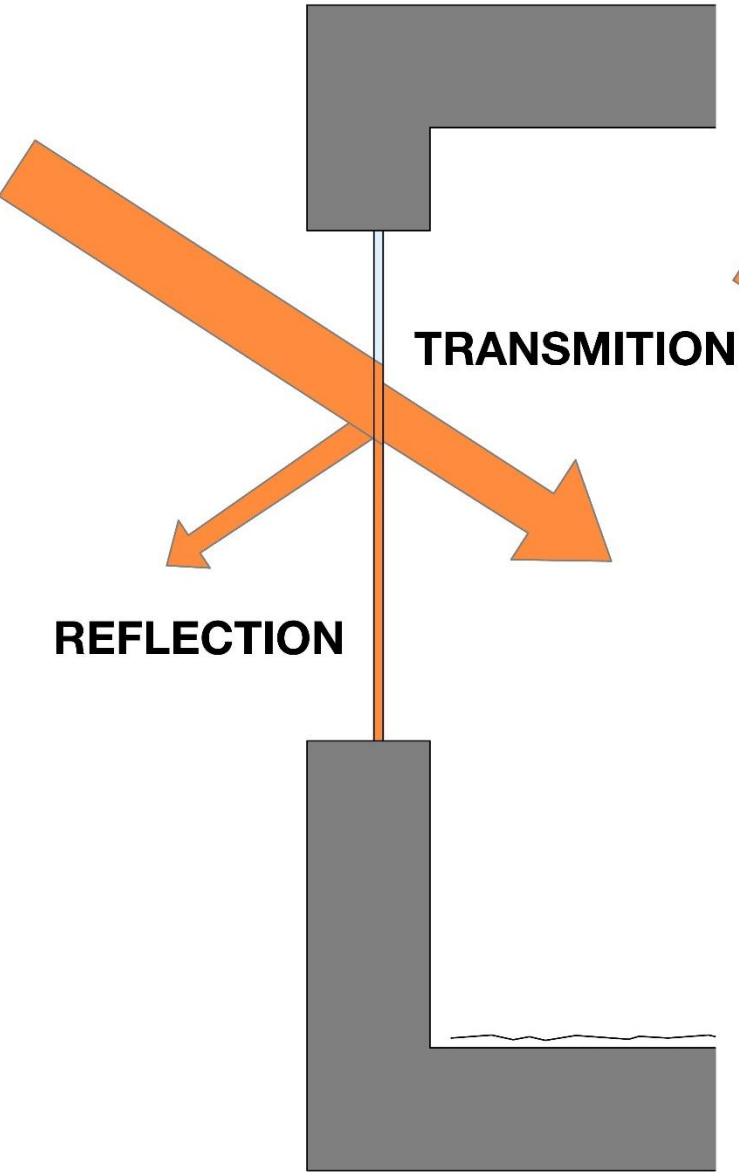
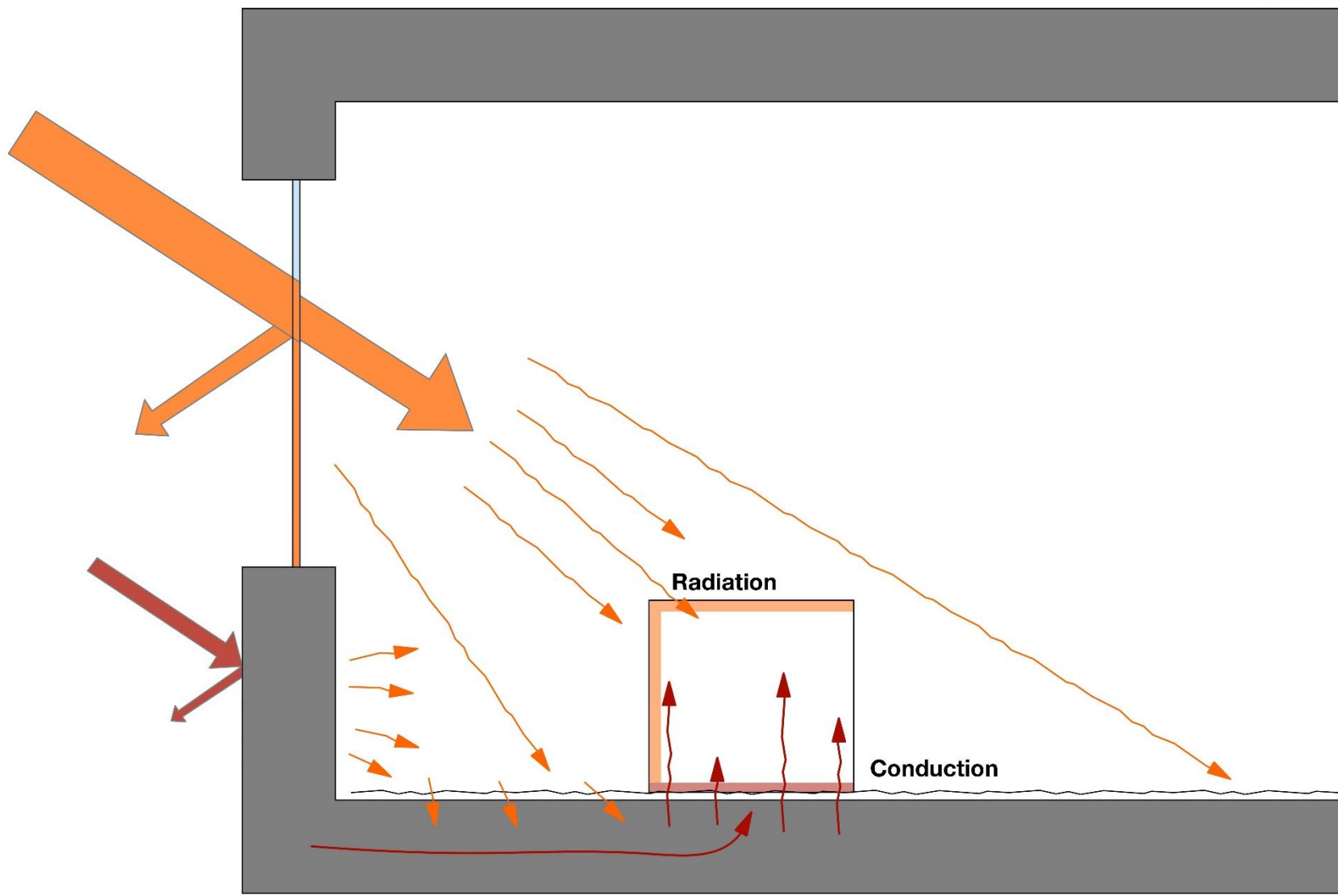


SOLAR RADIATION

Ksenia Knyazkina

3 types of sensible heat flow: Conduction , Convection, Radiation

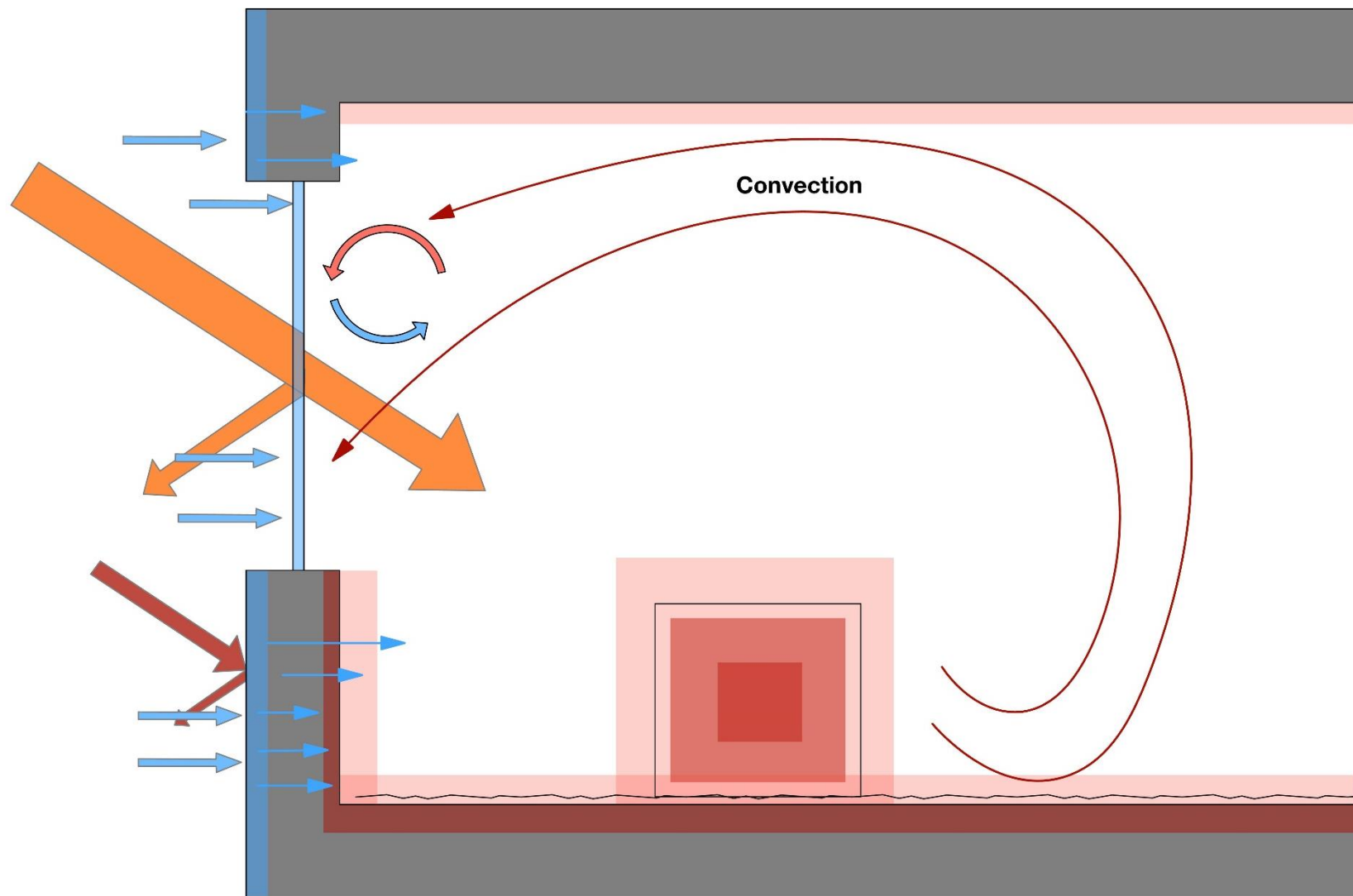




Conduction is a flow of energy which happens during direct contact of solids

Radiation – is the movement of electromagnetic waves through the space

Heat Storage of material depends on Density and Specific Heat of material. The product of those 2 factors gives thermal capacity, which determine how fast the material gain and release the heat.



Convection – the movement of gas caused by heat transfer