All the objects emit, absorve, and reflect radiation. Therefore, the radiation is transfer by a wavelength with frequency and speed of propagation.

According to the wavelenght band the radiation might be preceive by human sight.

The blackbody is the perfect absorved and emiter of radiation

Solve the last example you solved in the class (radiative heat exchange between two parallel plates) awhile considering the two emissivities to be 0.1, what can you conclude from the result?

$\dot{Q}_{12}=$ $(5{,}67*10^{-8}(800^4-500^4))/((1/0{,}1)+(1/0{,}1)-1)$

$=$ $1035{,}81$ W/m^2

If both surfaces have the same emissivity the heattransfer became so low.

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