

Heat Transfer

@wikipedia

Branch of [Thermodynamics](#) that concerns the generation, use, conversion, and exchange of [heat](#) between physical systems.

It is classified into four driving mechanisms:

Thermal conduction	Thermal convection	Thermal radiation	Phase changes
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There are few [Dimensionless Heat Transfer Numbers](#) which important role in [Heat Transfer](#).

See also

[Physics](#) / [Thermodynamics](#) / [Thermodynamic process](#)

[[Heat](#)] [[Heat Flow](#)] [[Thermal conductivity](#)] [[Specific heat capacity](#)] [[Thermal diffusivity](#)]

[[Heat Flow in fluids @ model](#)] [[Heat Flow in porous media @ model](#)]

[[Heat Transfer Coefficient](#)] [[Heat Transfer Coefficient @model](#)]

[[Dimensionless Heat Transfer Numbers](#)] [[Nusselt Number](#)] [[Prandtl number \(Pr\)](#)]

References

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