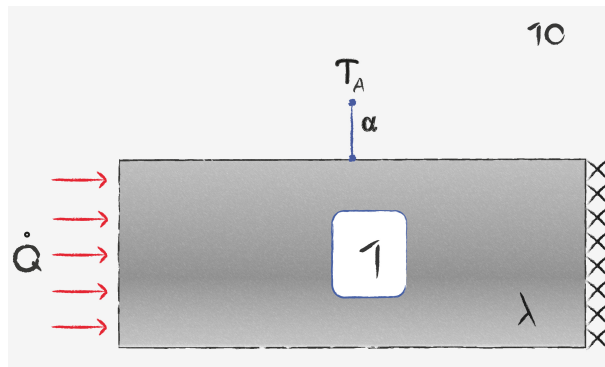




Heat Conduction: Task 10



The image describes a rectangular body with a heat flux from left to right, an adiabatic wall on the right side, and heat loss through convection.

1



Due to the heat loss through convection, the temperature gradient decreases from left to right and to meet the condition on the adiabatic wall (no heat transport), the temperature gradient must be zero on the wall.