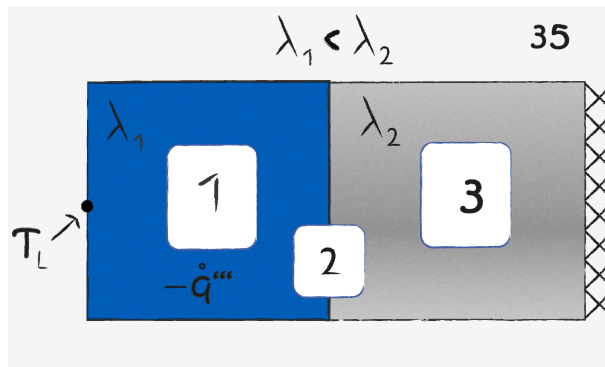


Heat Conduction: Task 35



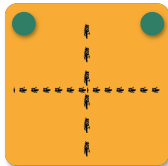
The image describes a rectangular body with two different heat conductivities, homogeneous heat loss in the blue area and adiabatic wall on the right side.

1



Due to the Heat loss, the temperature gradient decreases from left to right and to meet the condition at the interface, the temperature gradient on the right side is zero.

2



There is no heat transport at the interface so the temperature gradient is zero.

3



On an adiabatic wall the temperature gradient is zero.