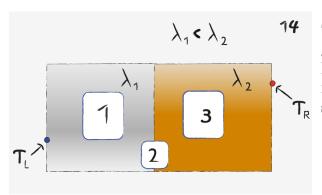


Heat Conduction: Task 14



The image describes a rectangular body with two different heat conductivities and maximum temperature on the right side.



According to Fourier's law. At constant area and heat conductivity the temperature gradient increases linearly from left to right.



 λ_1 is smaller than λ_1 which means the Temperature gradient in 1 is steeper than in 2



3

According to Fourier's law. At constant area and heat conductivity the temperature gradient increases linearly from left to right.