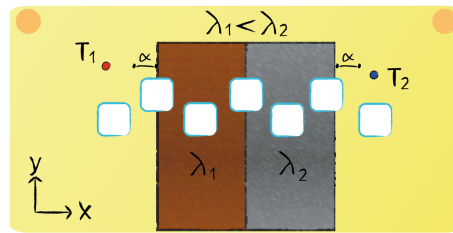
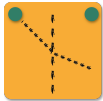


Temperature Profile 78



After getting closer to the inner wall the temperature gradient increases.



The temperature gradient for the solid layer is less steep, than for the surrounding air layer.



At constant area and heat conductivity the temperature gradient decreases linearly.



$\lambda_1 < \lambda_2$, therefore, is the temperature gradient bigger for the left wall.



At constant area and heat conductivity the temperature gradient decreases linearly.



The temperature gradient for the solid layer is less steep, than for the surrounding air layer.



After moving away from the outer wall the temperature gradient increases until no heat is transferred.