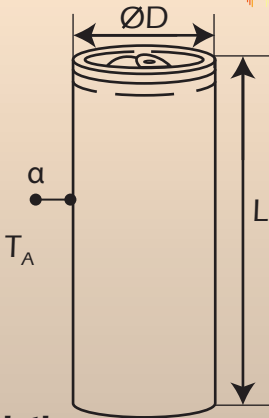




# HEATQUIZ



A beverage can with a temperature  $T_0$  is heated by a convective heat flow. Derive the energy balance describing the temperature change of the can over time.

**Properties:**

$c, \rho$

**Solution:**



UNIVERSITY  
OF TWENTE.

**RWTH**AACHEN  
UNIVERSITY