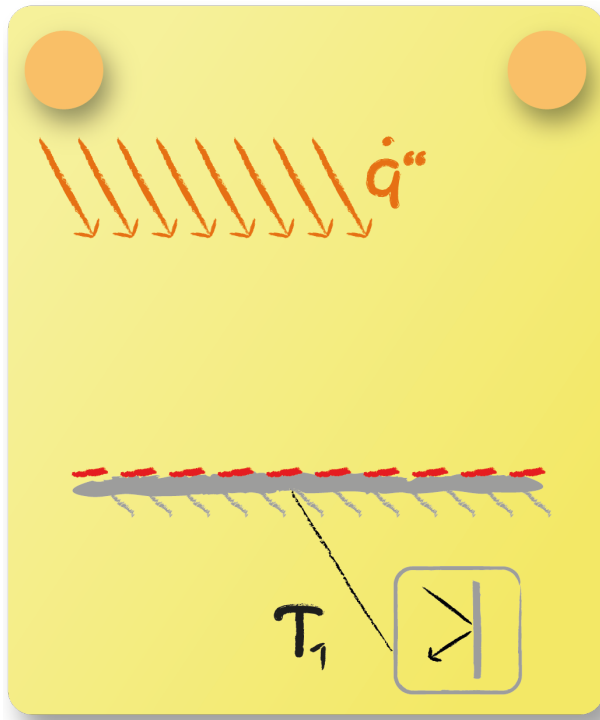




## Surface Brightness: Task 29



The image shows a grey body, which is reflecting incoming radiation. It is exposed to radiation of the specific heat flux  $\dot{q}''$ .

1



$$\dot{Q}_1 = \sigma \cdot \epsilon_1 \cdot A_1 \cdot T_1^4 + \rho_1 \cdot \dot{q}'' \cdot A_1$$

2



The surface brightness contains the emission and reflection of the arriving radiation.