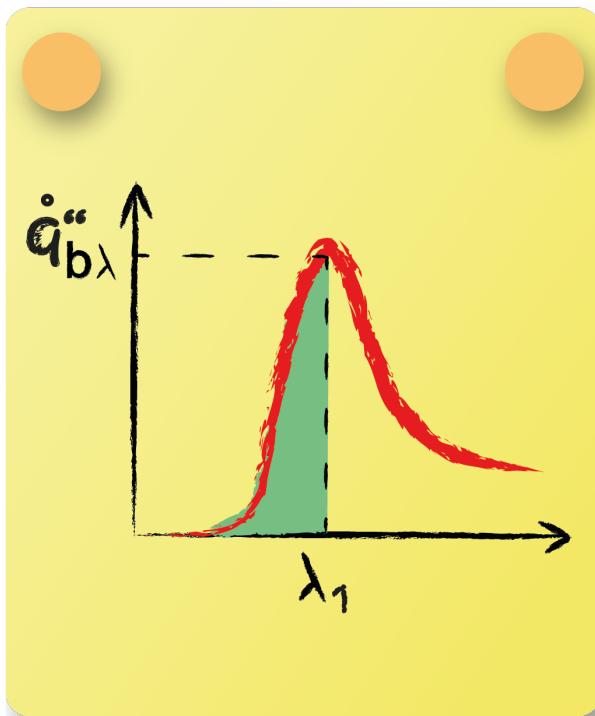


Surface Brightness: Task 32



The diagram shows the distribution of black body radiation with respect to the wave length.

1



$$\dot{q}_{b,0 \rightarrow \lambda_1}'' = \dot{q}_b'' F_{0 \rightarrow \lambda_1}$$

2



An expression for radiation in interval $[0, \lambda_1]$ is obtained from the product of black body radiation \dot{q}_b'' and function $F_{0 \rightarrow \lambda_1}$, which gives the corresponding fraction.