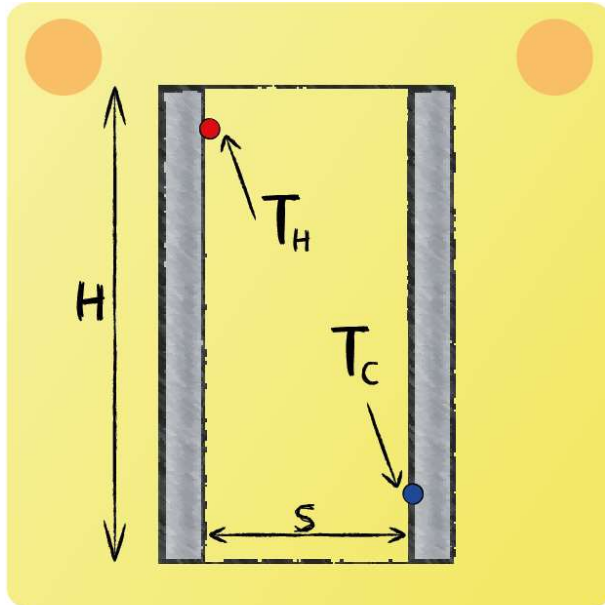


Lecture 11 - Question 4



What is the correct value of β ?

Mean film temperature:

$$T_F = \frac{T_H + T_C}{2} = 355 \text{ K}$$



For an ideal gas:

$$\beta = \frac{1}{T_F} = 2.8169 \cdot 10^{-3} \text{ K}^{-1}$$