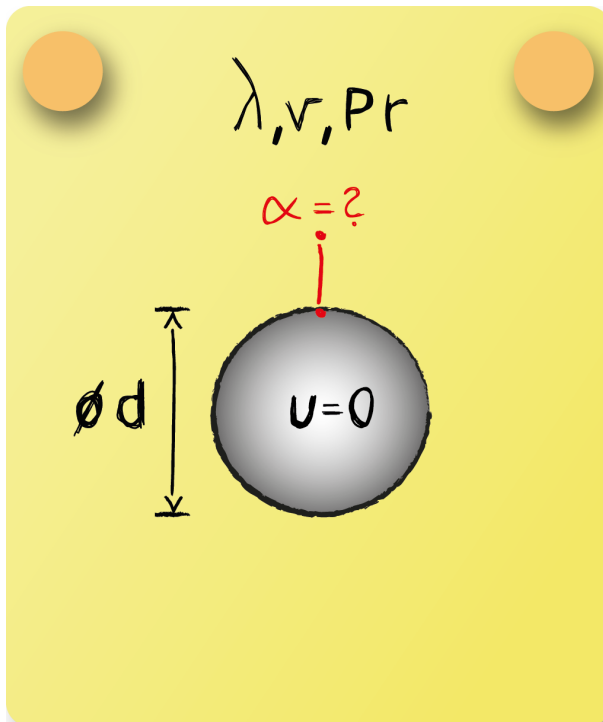




Heat Transfer Correlation: Task 12



The image describes a sphere with diameter d in a non-moving fluid.

1



Since the sphere has no velocity the Nusselt number is $\overline{Nu}_d = 2$ with HTC.11

2



$\bar{\alpha} = 12.1:0.256 \quad |12.2:5.016 \quad |12.3:11.22 \quad |12.4:126.20$
 $|12.5:23.20$