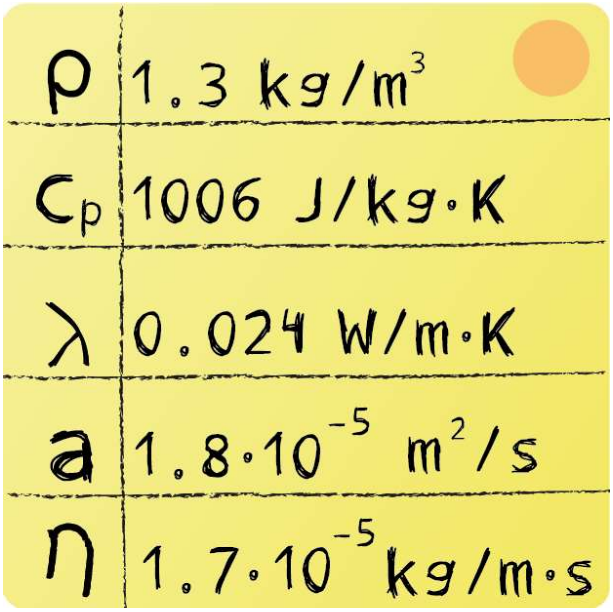
Lecture 6 - Question 6



Consider an ideal fluid with the properties as listed in the figure. Determine the Prandtl number Pr.

$$\mathrm{Pr} = \frac{\eta \cdot c_\mathrm{p}}{\lambda} = 0.7126$$