

Additional Captains' Fight 1

FPT 2018
9-10th February



1 Question

2 Solution

You have 30 seconds to solve the following question:

What is the number of order of magnitude between the electrical conductivity of sulfur and copper ?

1 Question

2 Solution

One more slide for the solution !

- Sulfur: $\sigma_S = 5 \cdot 10^{-16} \text{ S.m}^{-1}$.
- Copper: $\sigma_C = 6 \cdot 10^6 \text{ S.m}^{-1}$.

$$\Rightarrow \frac{\sigma_C}{\sigma_S} \simeq 10^{22}$$