Use rho in density

The density is represented by the symbol ρ and is defined as mass divided by volume.

$$\rho = \frac{m}{V}$$

where:
- ρ (rho) represents density of a substance,
- m mass of substance,
- V volume occupied by the substance.

$$\rho\left(\vec{r}\right) = \frac{dm}{dv}$$

$$m = \int_v \rho\left(\vec{r}\right)\, dv$$

$$\rho\left(\rho, v\right) = \sum_i \frac{v_i}{v}$$

Use rho in resistivity

The formula for resistivity is:

$$\rho = \frac{R \times A}{L}$$

where:
- ρ (rho) represents the resistivity of the material,
- R is the resistance of a uniform conductor made from that material,
- A is the cross-sectional area of the conductor,
- L is the length of the conductor.