Some new notation to avoid confusion that is happening. Use it if it helps you (Prof. G. will).

This new notation is very common.

Let $b \in \mathbb{R}$ (so $b$ is a scalar) and $\vec{B}$ be a vector.

1. the absolute value of number $b=|b|=|b|$
2. the length of the vector $\vec{B}=|\vec{B}|=\|\vec{B}\|$ book's notation 11) can mean 2 different thing, either absolute value of a \# or length of a vector

New
1.1 for absolute value of a \# 11. Il for length of a vector

