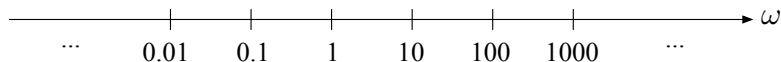


## Note on the Scale

Horizontal ( $\omega$ ) axis:

we will use *logarithmic scale* (base 10) in order to display a wide range of frequencies.

**Note:** we will still mark the values of  $\omega$ , *not*  $\log_{10} \omega$ , on the axis, but the *scale* will be logarithmic:



Equal intervals on log scale correspond to **decades** in frequency.