

The Planck Constant: Its units, history and relation to the 2019 definition of the kilogram

Dr. Philip Bunker
Steacie Laboratory
National Research Council of Canada

The abstract:

The correct units to use for h and h -bar will be contrasted with the erroneous units that SI insists we use. The first and last experimental determinations of the value of the Planck constant will be discussed. Also the 2019 SI definition of the kilogram will be explained. Finally the various ways that the Planck constant has arisen historically will be outlined.