

HONR 229Q Assignment. Due October 7, 2003

The velocity of light has been measured many times over the last 300+ years. The most accurate measurements were made in the 1970's and involved measurements of the frequency (ν) and wavelength (λ) of lasers. The velocity of light was then determined as $c = \nu\lambda$. Find out how these measurements were carried out, and provide a clear description, including some pictures, of the measurement process. Please cite the sources of information that you use. Don't forget to provide information about the types of laser used, the time standard and wavelength standard that were used in the measurement process.