

Measuring the Thickness of Paper

An experiment was performed to determine the thickness of a sheet of paper in a copy of Young's "University Physics". The thickness of several groups of pages was measured with a ruler. The thickness was plotted versus the number of pages in the group. The slope of this plot is the thickness of a single page, which was found to be $(5.524 \pm 0.072) \times 10^{-2}$ mm. The primary source of error was the non-uniformity of compression of the paper.