

Planimeter

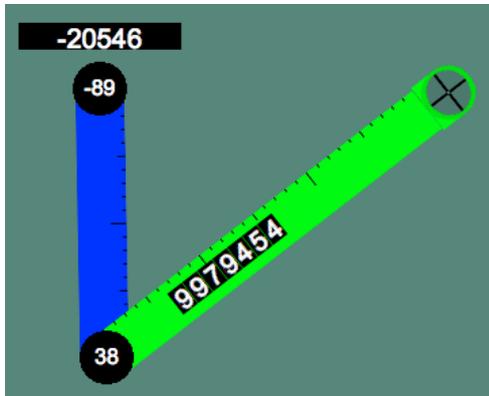
Version 1.0.3 12 February 2007

Summary

A planimeter is a mathematical instrument which is used to measure the area of a closed curve.

This Widget emulates the action of a mechanical planimeter and can be used to measure the areas of closed curves on the computer screen.

Description



To measure the area of a closed curve, place the tracer cross onto the curve, reset the counter, then drag the cross once around the curve.

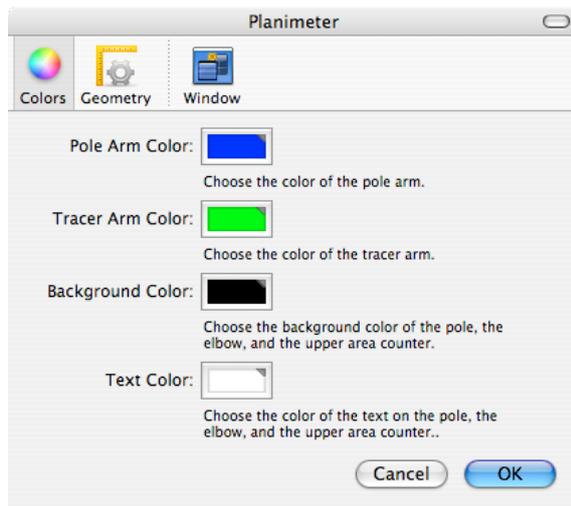
The counter gives the area enclosed by the track of the mouse pointer.

The area is given in (square) pixels. The sign of the area depends upon the direction of rotation around the curve.

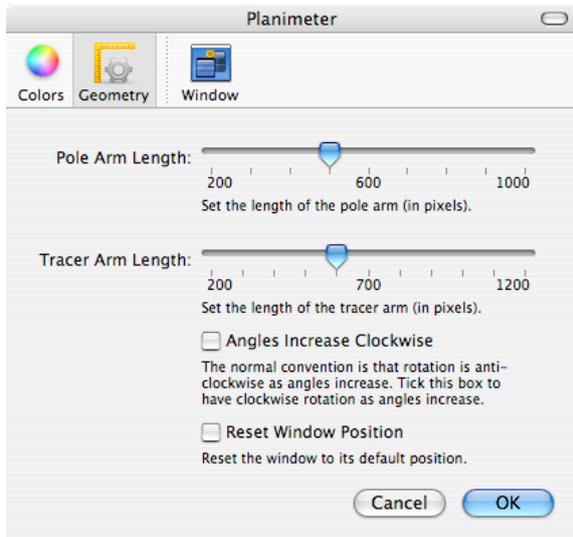
The counter on the tracer arm displays negative values in tens-complement notation.

Preferences

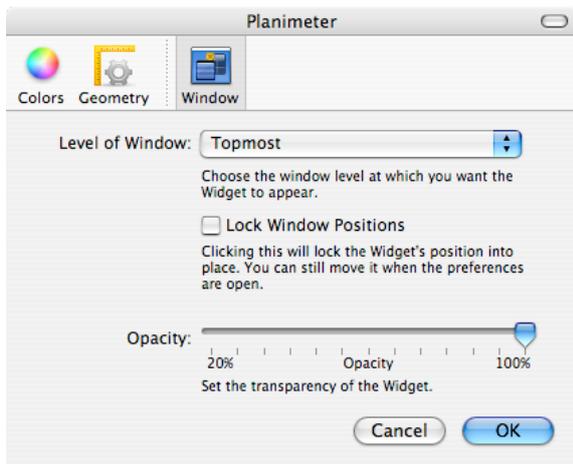
Colors



Geometry



Window



Widget Coding and Documentation

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Credits

About-box and license window graphics by Ricky Romero.