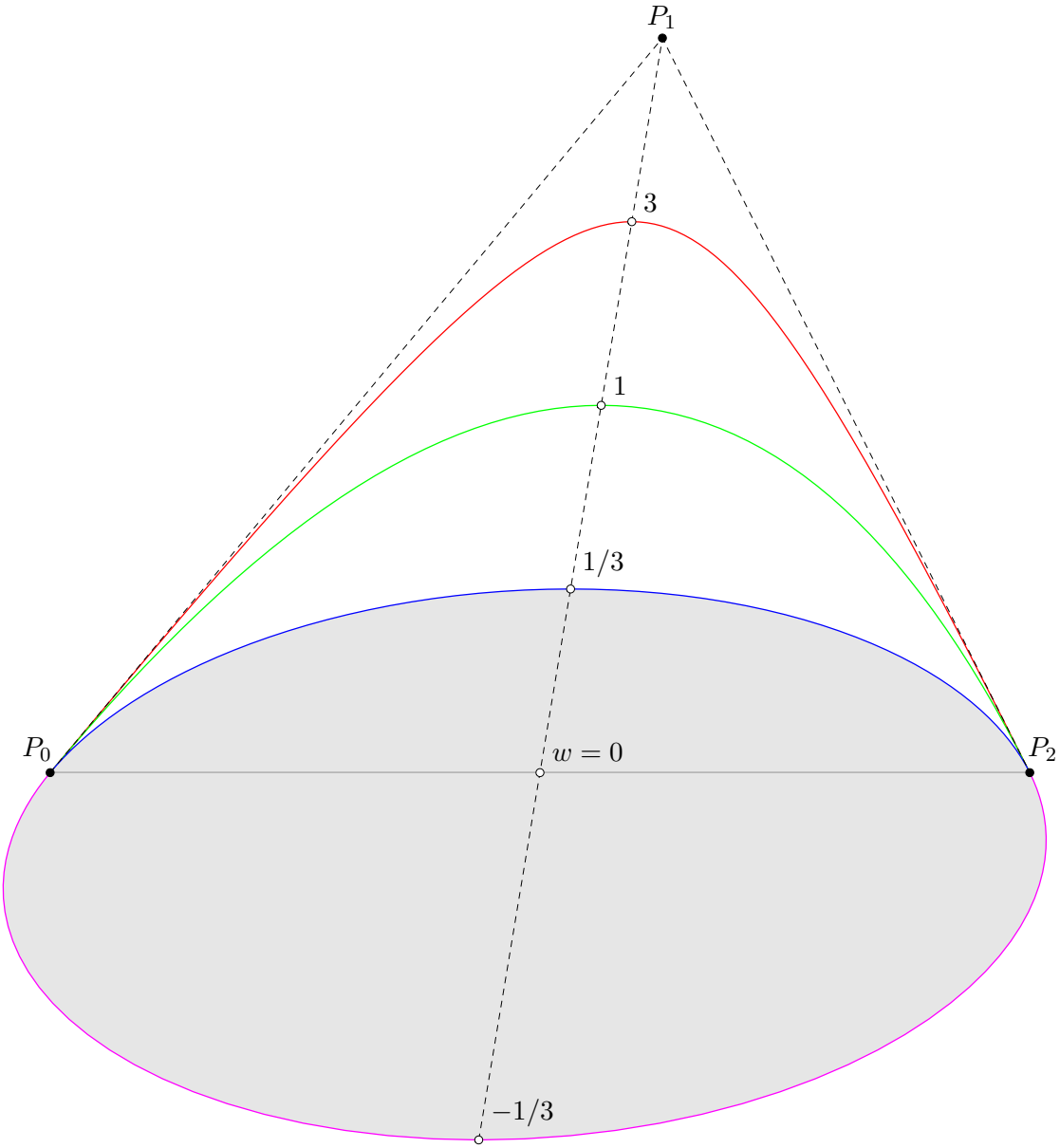
Drawing with pdfTEX

Now you can draw arbitrary lines, polygons, integral and rational bezier curves up to a degree of seven within your pdfTEX document. The LAPDF style allows to draw directly with PDF, without any other files. You can scale your drawing and use drawing primitives that look and function like corresponding postscript commands. You can use PDF drawing primitives and also LATEX typesetting of text in the same environment.



Various conic arcs defined by $w = (3, 1, 1/3, 0, -1/3)$.

This file shows some capabilities of the LAPDF style. Rational quadratic bezier curves can form all conic curves. These enable you to exactly draw any parabolas, hyperbolas, ellipses and circles.

The above curves share the same control points, the only difference are the curve's weights, which control the curve shape. LAPDF has commands like *Stroke, Fill, Setcol* and many others and it supports color.