



Figure VII.16: A degree three, rational Bézier curve. The control points are the same as in the left-hand side of figure VII.2 on page 156, but now the control point \mathbf{p}_1 is weighted 3, and the control point \mathbf{p}_2 is weighted only $1/3$. The other two control points have weight 1. In comparison with the curve of figure VII.2, this curve more closely approaches \mathbf{p}_1 , but does not approach \mathbf{p}_2 nearly as closely.