



Figure VIII.17: Another way to form a complete circle with a quadratic B-spline curve. The curve has knot vector $[0, 0, 0, 1, 2, 2, 3, 4, 4, 4]$ and the control points \mathbf{p}_0 , \mathbf{p}_3 , and \mathbf{p}_6 have weight 1, and the other control points \mathbf{p}_1 , \mathbf{p}_2 , \mathbf{p}_4 , and \mathbf{p}_5 have weight $\frac{1}{2}$. Exercise VIII.11 on page 285 shows a way to prove the correctness of this B-spline curve.