



Figure VII.10: The curve $\mathbf{q}(u) = \hat{\mathbf{q}}(u)$ is both a degree two Bézier curve with control points \mathbf{p}_0 , \mathbf{p}_1 , and \mathbf{p}_2 , and a degree three Bézier curve with control points $\hat{\mathbf{p}}_0$, $\hat{\mathbf{p}}_1$, $\hat{\mathbf{p}}_2$, and $\hat{\mathbf{p}}_3$.