



Figure VIII.7: The order three (piecewise degree two) blending functions with uniform knot positions $u_i = i$. We still have $\ell = 10$; there are $\ell + 1$ knots and $\ell - 2$ blending functions. The associated B-spline curve of equation (VIII.3) is defined for $2 \leq u \leq \ell - 2$.