



Figure VIII.4: Example of order four (degree three) blending functions with repeated knots. The knot vector is  $[0, 1, 2, 3, 4, 4, 5, 6, 7, 8, 8, 8, 9, 10, 11, 12]$  so that the knot 4 has multiplicity two and the knot 8 has multiplicity three.