$$\begin{aligned}
&\{(1) = \beta_{0}(1) \cdot \beta_{0} + \beta_{1}(1) \cdot \beta_{1} + \beta_{2}(1) \cdot \beta_{2} + \beta_{3}(1) \cdot \beta_{3} \\
&\beta_{0}(t) = 3 + (n - t)^{2} \\
&\beta_{1}(t) = 3 + (n - t) \\
&\beta_{2}(t) = 3 + (n - t) \\
&\frac{\beta_{3}(t) = t^{2}}{t = u} \\
&\{(u) = (n - u)^{3} \cdot \beta_{0} + 3u(n - u)^{2} \cdot \beta_{1} + 3u^{2}(n - u) \cdot \beta_{2} + u^{3} \cdot \beta_{3} \\
&\{(u) = + 3 + (n - u)^{2} \cdot \beta_{0} + 3u(n - u)^{2} \cdot \beta_{1} + u^{2}(n - u)^{2} \cdot \beta_{2} + u^{2}(n - u)^{2} \cdot \beta_{1} + u^{2}(n - u)^{2} \cdot \beta_{2} + u^{2}(n - u)^{2} \cdot \beta_{1} + u^{2}(n - u)^{2} \cdot \beta_{2} + u^{2}(n - u)^{2} \cdot \beta_{2} + u^{2}(n - u)^{2} \cdot \beta_{1} + u^{2}(n - u)^{2} \cdot \beta_{2} + u^{2}(n - u)^{2}$$