

$$\mathbf{x}(u) = \begin{cases} \mathbf{s}_1(u) & \text{if } 0 \leq u < 1 \\ \mathbf{s}_2(u - 1) & \text{if } 1 \leq u < 2 \\ \mathbf{s}_3(u - 2) & \text{if } 2 \leq u < 3 \\ \vdots & \\ \mathbf{s}_n(u - (n - 1)) & \text{if } n - 1 \leq u \leq n \end{cases}$$