$$z_1 = 0 \quad z_2 = d/N \quad z_3 = 2d/N \quad \dots \quad z_j = d(j-1)/N \quad \dots \quad z_N = d(N-1)/N \quad z_{N+1} = d$$
 global index $j=1$ $j=2$ $j=3$ \dots j \dots $j=N$ $j=N+1$ interior index $k_1=1$ $k_1=2$ \dots k_3 \dots $k_N=N-1$