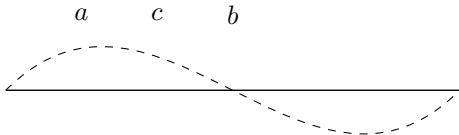$$\mathcal{L}_{(l+1)N/2^{k+1}}^{(s+t\sum_{i=0}^{k-1} 2^{-i/5})N^{2/3}}$$

d

$$\mathcal{L}_{(l-1)N/2^{k+1}}^{(s+t\sum_{i=0}^{k-1} 2^{-i/5})N^{2/3}}$$

$$\mathcal{L}_{lN/2^{k+1}}^{(s+t\sum_{i=0}^{k} 2^{-i/5})N^{2/3}}$$