

$$(1) \quad t_{MEM} + \Delta t = 2.1 \text{ ns}$$

$$(2) \quad S = \frac{N+k-1}{N} \cdot \frac{1}{k}$$

$$(3) \quad \lim_{k \rightarrow \infty} \frac{N+k-1}{Nk} = \frac{1}{N} \quad . \quad \text{极限为 } N \text{ 倍加速}$$