山4

第3章.

1. (1) $T_{pipe} = 2ns + 0.1 ns = 2.1ns$

(2) $S = \dfrac{T_{old}}{T_{new}} = \dfrac{7}{2.1} = 3.33$

(3) 设 n 个流水线

则 $S = \dfrac{7}{\frac{7}{n} + \frac{1}{10}}$

$\lim\limits_{n \to \infty} S = 70$