

No.

Date 作业 10

$$5. f_A = 15\% f_0 (10\% \frac{1}{3T} + 90\% \times 10\% \times \frac{1}{4T})$$

$$\text{设周期为 } T \quad T_1 + T_2 = T \quad \frac{1}{T_1} : \frac{1}{T_2} = 15\% : 90\% \therefore \frac{T_2}{T_1} = \frac{3}{20}$$

$$T_1 = \frac{20}{23} T \quad T_2 = \frac{3}{23} T$$

$$T_A = \frac{20}{23} T \times (10\% \times (3+1) + 90\% \times 10\% \times (4+1) + 90\% \times 90\% \times 1)$$

$$\therefore 1.44T$$

$$T_B = 3T$$

$$\therefore S_1 = \frac{T_B}{T_A} = 2.08$$

12.

(1) ~~for (i=1; i<100000; i++) {
 if (i%2==0) codeA
 else if (i%5==0) codeB
}~~

~~for (i=1; i<100000; i++) {
 if (i%2==0) }
 if (i%5==0) CodeB
}
else Code A~~

$$(2) B_1: 50\%$$

$$B_2: 20\%$$

$$B_3: 0.01\%$$

$$(3) B_1: 0\%$$

$$B_2: 60\%$$

$$B_3: 99.98\%$$

$$(1) k_{min} = 8$$

$$(2) N_{min} = 2$$

$$(3) B_1: 50\%$$

$$B_2: 80\% \quad B_3: 99.99\%$$



扫描全能王 创建