## OS hw2

2020年4月22日 星期三

2.

CPU Efficiency = 
$$\frac{Useful CPU time}{total CPU time}$$

=  $\frac{T}{T + \frac{ST}{R}}$ 

Time wasted switching:  $\frac{T}{R} \times S$ 

- (Λ) <u>Τ</u> T+ 5
- (b) <u>T</u>
- time wasted switching =  $\frac{T}{A} \times S$   $\frac{T}{T + \frac{ST}{A}}$

$$\frac{T}{T+QT} = \frac{T}{T+T} = 50\%$$

$$\frac{T}{T+\infty} = \sim 0\%$$

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華丸市了
receive (B, message B);
receive (A, message A);
```