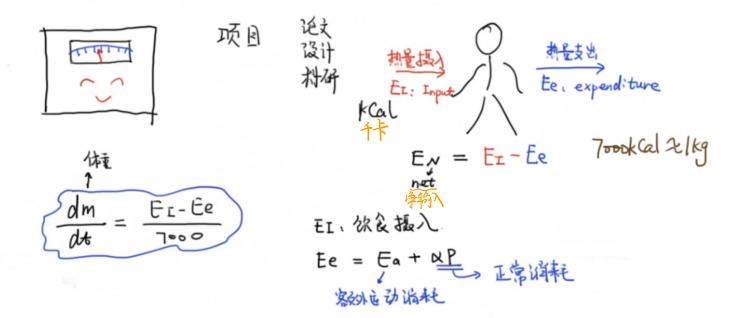
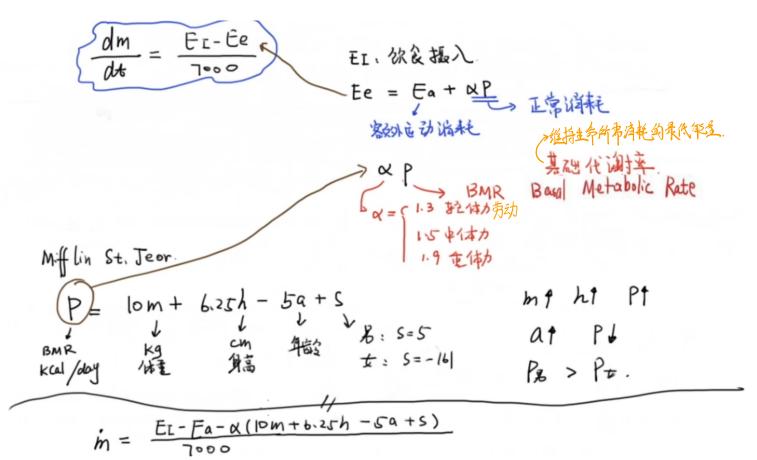
## 自动控制原理 3.

## 燃烧卡路里 — 统分析实例的数学模型



drican Biji



DR\_CAN SH

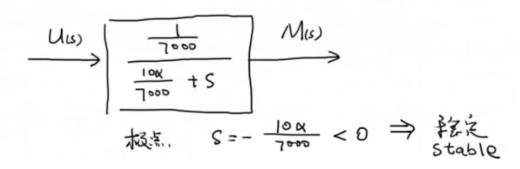
TF:

$$\dot{m} = \frac{E_L - F_a - \alpha (IDm + b_125h - 5a + S)}{7000}$$
   
 体生体设力常长、2多分析的光速体生 6.25h - 5a + S = C cstart

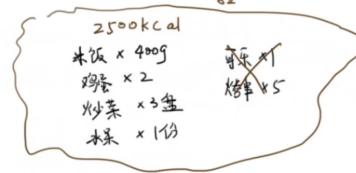
$$A(s) = \frac{M(s)}{U(s)} = \frac{1}{7000S + 1000} = \frac{1}{7000}$$

$$\frac{U(s)}{\frac{10x}{7000} + S} \xrightarrow{M(s)} \frac{M(s)}{\frac{10x}{7000} + S}$$

$$\frac{10x}{7000} + S \xrightarrow{S=-\frac{10x}{7000}} < 0 \Rightarrow \overrightarrow{F}_{ZZ}$$
Stable



Case		体重	身高	年龄	热量摄入	消耗系	额外热量消耗		
no.	性别		h (cm)		EI (kCal)	数α	Ea (kCal)	说明	
1					2500			40	
2	男	70	175	20	2100	1.3	U	老	
3	-	_		-	2500	1	.500	爆犯10	127
						冷华		1200	1



Matlab/Simulik.

DR\_CAN \\ Jij

