$$f:(0,+\infty)\to\mathbb{R},x_1,x_2\in(0,+\infty)\,123\frac{f(x)}{x}123f(x_1+x_2)\leq f(x_1)+f(x_2)$$

$$\text{assume}x_2\leq x_1\frac{f(x)}{x}\Longrightarrow\frac{f(x_1+x_2)}{x_1+x_2}\leq\frac{f(x_1)}{x_1}\leq\frac{f(x_2)}{x_2}$$

这是一个CJKutf8的例子，使用的字体是gbsn。

Let $f:U\subseteq\mathbb{R}^3\to\mathbb{R}$ be a real-valued function.

Consider also the set $\mathcal{F}(\mathbb{R}^n,\mathbb{R})$ of all scalar-valued multivariable functions.