

## 个性化教育新标杆



首先,要证明的结论是:

任取 $\varepsilon > 0$ ,存在 $\delta > 0$ ,使得当 $0 < |x - x_0| < \delta$ 时,有

$$\left| \frac{1}{g(x)} - \frac{1}{B} \right| \left| \frac{1}{g(x)} - \frac{1}{B} \right| < \varepsilon \tag{1}$$

$$\left| \frac{1}{g(x)} - \frac{1}{B} \right| \frac{1}{2} \left| \frac{1}{2} \right| \tag{2}$$

$$\left| \frac{1}{g(x)} - \frac{1}{B} \right| \left| \frac{1}{2} \right| \left| \frac{1}{2} \right| \tag{3}$$

$$\left| \frac{1}{g(x)} - \frac{1}{B} \right| \left| \frac{1}{2} \right| \left| \frac{1}{2} \right| \tag{4}$$

$$\left| \frac{1}{g(x)} - \frac{1}{B} \right| \left| \frac{1}{2} \right| \left| \frac{1}{2} \right| \tag{5}$$

式(1)可化为:

$$\frac{|g(x) - B|}{|B||g(x)|}\tag{6}$$

绝对值符号  $|\boldsymbol{a}| = \sqrt{x_1^2 + y_1^2}$   $|\overrightarrow{AB}| = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$ 

 $\left|\overrightarrow{AB}\right| \left|\overrightarrow{AB}\right| \left|\overrightarrow{AB}\right| \left|\overrightarrow{AB}\right| \left|\overrightarrow{AB}\right|$ 

 $\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|$ 

最佳方案:  $\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|\left|\frac{1}{2}\right|$ 

更多验证:  $\left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right|$ 

继续验证:  $\left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right|$ 

更多验证:  $\left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right| \left|\frac{1}{f(x)}\right|$ 

继续验证:  $\left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right| \left|\frac{g(x)}{f(x)}\right|$ 

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