



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

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

$$|\frac{1}{g(x)} - \frac{1}{B}| |\frac{1}{2}| |\frac{1}{2}| \quad (2)$$

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

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

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

式(1)可化为:

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

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

$$\begin{array}{ccccccc} \left| \overrightarrow{AB} \right| & \left| \overrightarrow{AB} \right| & \left| \overrightarrow{AB} \right| & \left| \overrightarrow{AB} \right| & \left| \overrightarrow{AB} \right| & \left| \overrightarrow{AB} \right| \\ \frac{1}{2} || \frac{1}{2} || \frac{1}{2} | & \frac{1}{2} || \frac{1}{2} || \frac{1}{2} | & \frac{1}{2} | & \frac{1}{2} | & \frac{1}{2} | & \frac{1}{2} | \end{array}$$

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: $\left| \frac{g(x)}{f(x)} \right|, \left| \frac{g(x)}{f(x)} \right|, \left| \frac{g(x)}{f(x)} \right|, \left| \frac{g(x)}{f(x)} \right|, \left| \frac{g(x)}{f(x)} \right|, \left| \frac{g(x)}{f(x)} \right|$