

習題集 2 簡答

(對應 [張旭微積分](#) 極限篇主題二：極限的嚴格定義)

底下為參考的 δ 取法：

1. $\delta = \frac{\varepsilon}{5}$.
2. $\delta = 5\varepsilon$.
3. $\delta = \min\left\{1, \frac{\varepsilon}{4}\right\}$.
4. $\delta = \sqrt{\varepsilon}$.
5. $\delta = \min\{1, 2\varepsilon\}$.
6. $\delta = \min\left\{\frac{1}{2}, 2\varepsilon\right\}$.
7. $\delta = \min\{1, 2\varepsilon\}$.
8. $\delta = \min\left\{\frac{1}{9}, \frac{\varepsilon}{3}\right\}$.
9. $\delta = \min\left\{1, \frac{\varepsilon}{7}\right\}$.
10. $\delta = \min\{1, \varepsilon\}$.

註 [文哥](#)有拍攝偶數題的講解影片，有需要的同學可以連接到張旭老師YT頻道的[播放清單](#)觀看！