

## 11.2 Series

### ◎ 單選擇題

1. Which of the following statements is **true**?

(A) If  $a_n \geq b_n$  and  $\sum a_n$  converges, then  $\sum b_n$  converges.

(B) If  $a_n \leq b_n$  and  $\sum b_n$  diverges, then  $\sum a_n$  diverges.

(C) If  $|a_n| \geq |b_n|$  and  $\sum |a_n|$  converges, then  $\sum |b_n|$  converges.

(D) If  $|a_n| \leq |b_n|$  and  $\sum |b_n|$  diverges, then  $\sum |a_n|$  diverges.

Ans: C [100 學年度]