Progress of Q (vertical axis)

1 2 3

Release A

4

Release B

P and Q want A

Get A

P and Q want B

B Required

Get B

5

6

Progress of P (horizontal axis)

A Required

B Required

Get A   Release A   Get B   Release B

A Required   B Required

▨ = both P and Q want resource A

▧ = both P and Q want resource B

→ = possible progress path of P and Q.
Horizontal portion of path indicates P is executing and Q is waiting.
Vertical portion of path indicates Q is executing and P is waiting.

Figure 6.3   Example of No Deadlock [BACO03]