

EXAMPLE: SEASONS OF THE YEAR

Case 1:

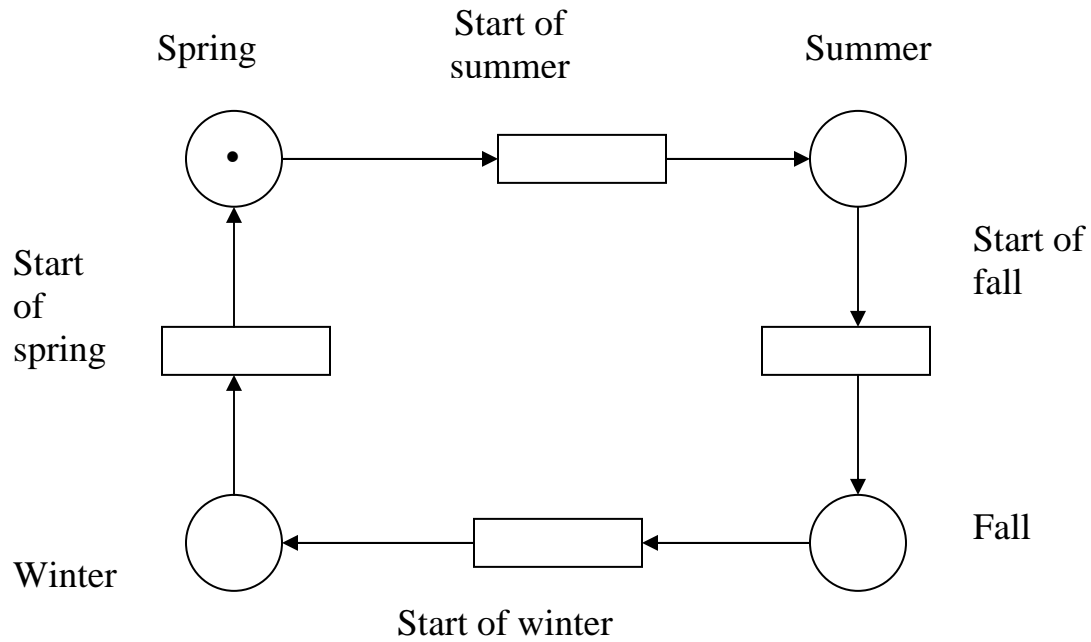


Figure 1

Case 2: to model additional conditions

- “winter or spring”
- “not fall”

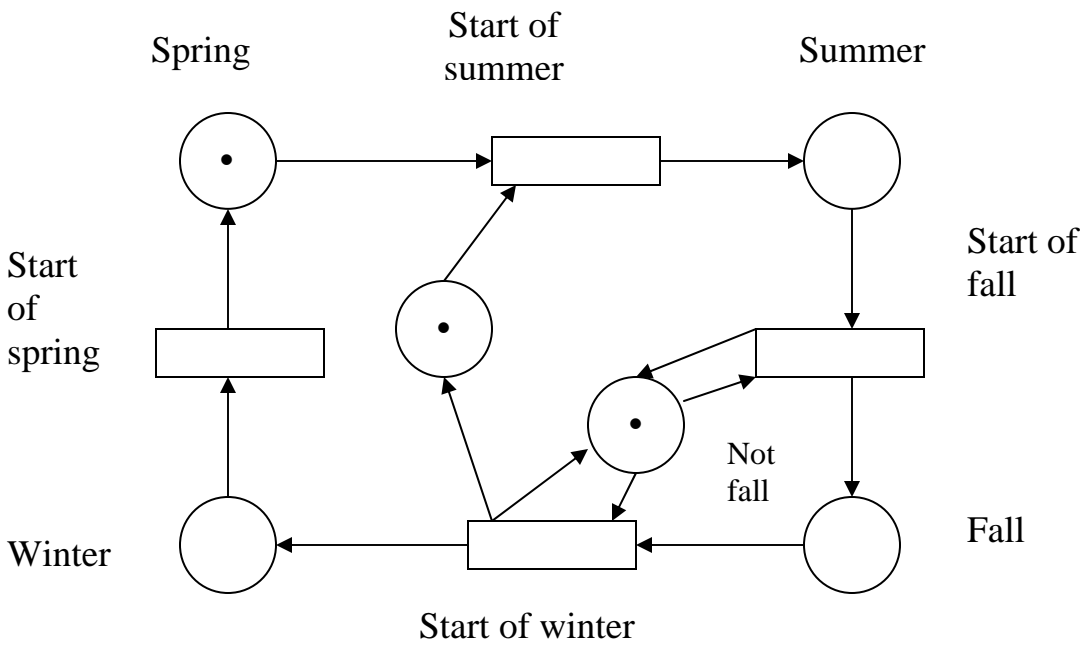


Figure 2

Case 3: represent the following conditional statements
 “if it is neither summer nor winter then it is spring or fall”

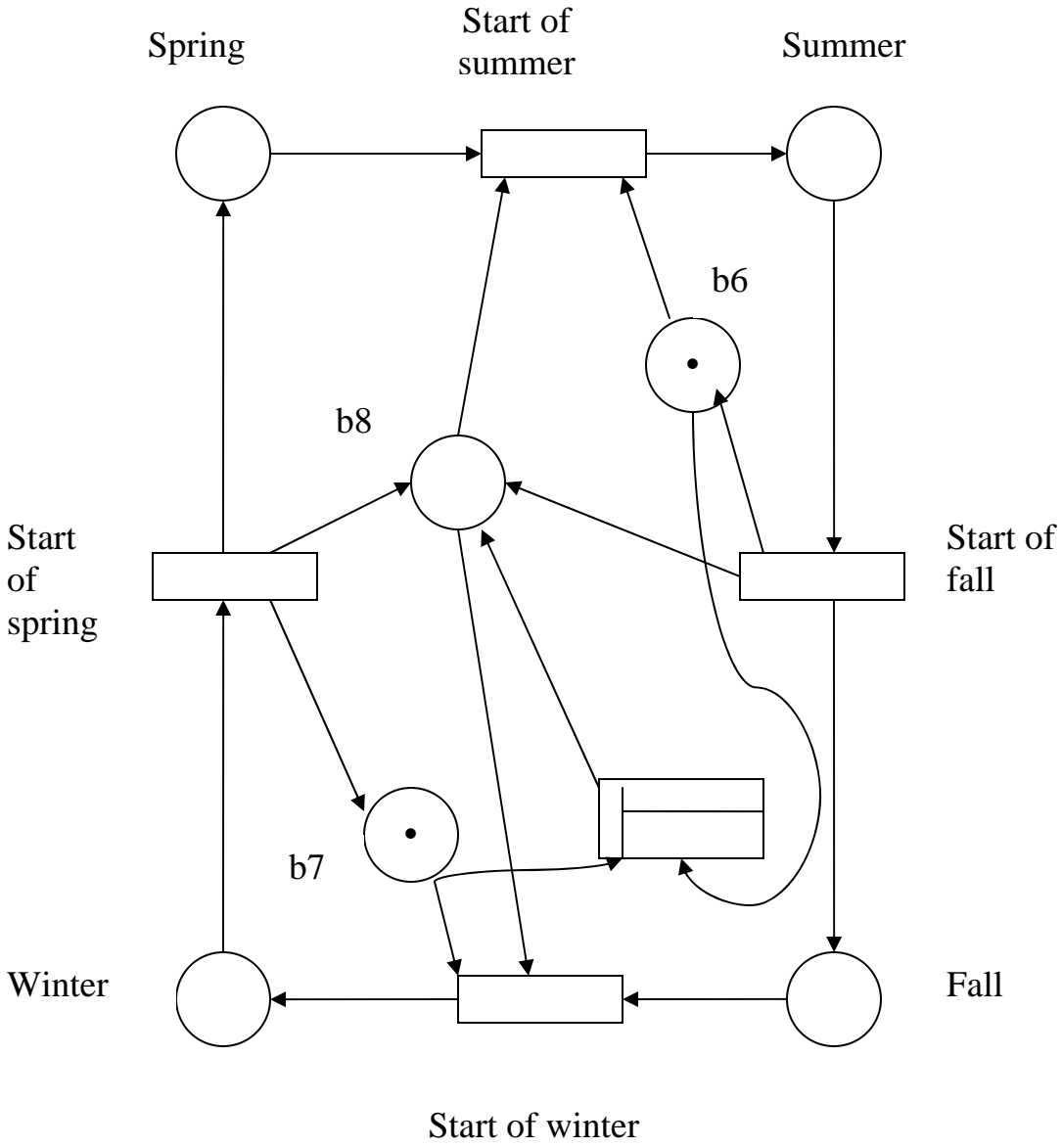


Figure 3

b6 = not summer (\equiv fall or winter or spring)

b7 = not winter (\equiv spring or summer or fall)

b8 = spring or fall

Case 4: represent the following condition statement
“if it is summer then it is neither winter nor fall”

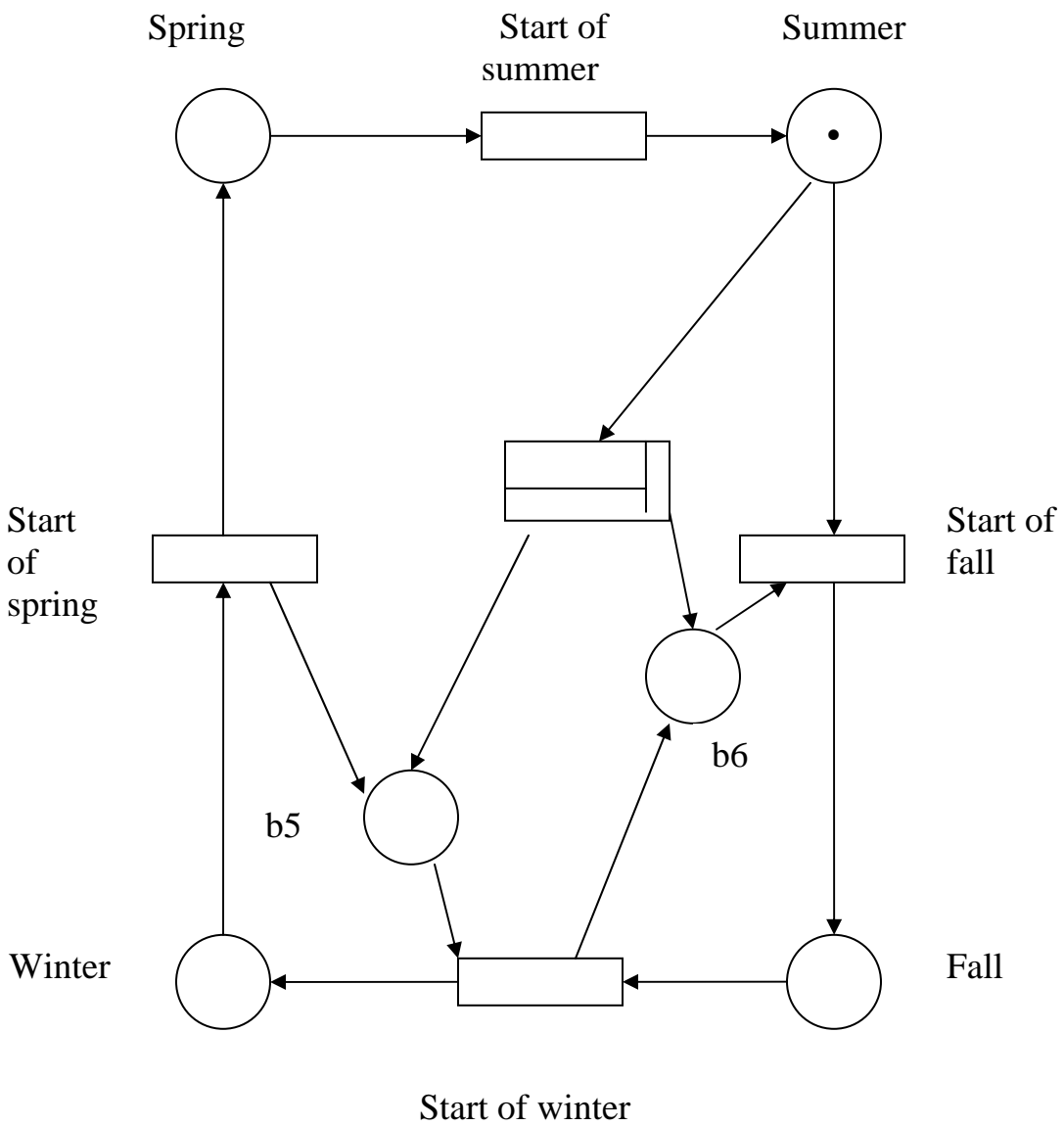


Figure 4

b5 – not winter

b6 – not fall