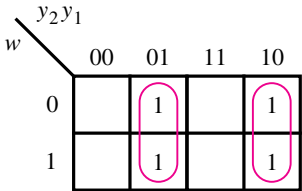


$$Y_1 = w\bar{y}_1 + \bar{y}_1y_2$$



$$Y_2 = y_1\bar{y}_2 + \bar{y}_1y_2$$

**Figure 6.14** Derivation of next-state expressions for Figure 6.13.