

第1題不計分,分數併到第2題,

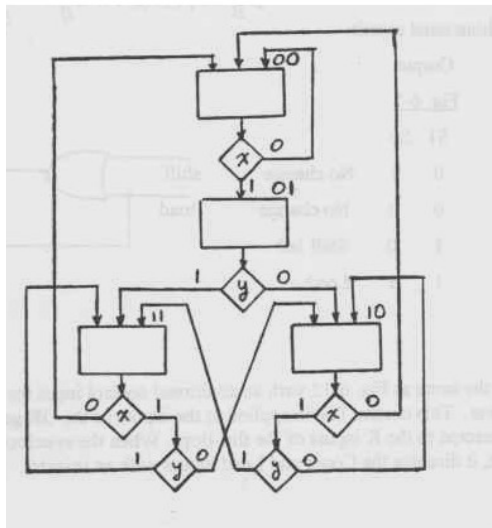
第3題維持原配分

配分變動如下

2. (a) 25%

The operations specified in a flowchart are executed sequentially, one at a time. The operations specified in an ASM chart are executed concurrently for each ASM block. Thus, the operations listed inside the state box, the operations specified by the conditional box, and the transfer to the next state in each ASM block are executed at the same clock edge.

(b) 35%



3. 40%

$MUX1: 0, 1, 1, Z'$ $MUX2 = 5, 0, 1, 0$

Circuit 圖請參照課本 336 頁 figure 8-23 改變 MUX 的 input 即為答案, 佔 20 分
沒有用 MUX 完成者 扣 15 分