

16340198 孙肖冉

(a) Model the project in terms of a classical Petri net.

(c) How does one model so that D and E should be executed consecutively, that is, B and C are not allowed between D and E?

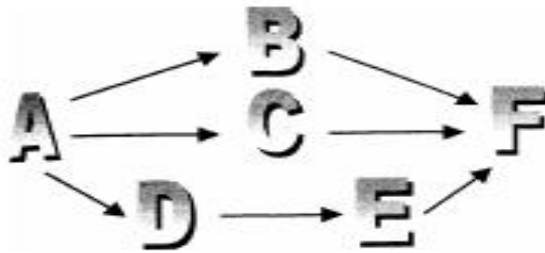
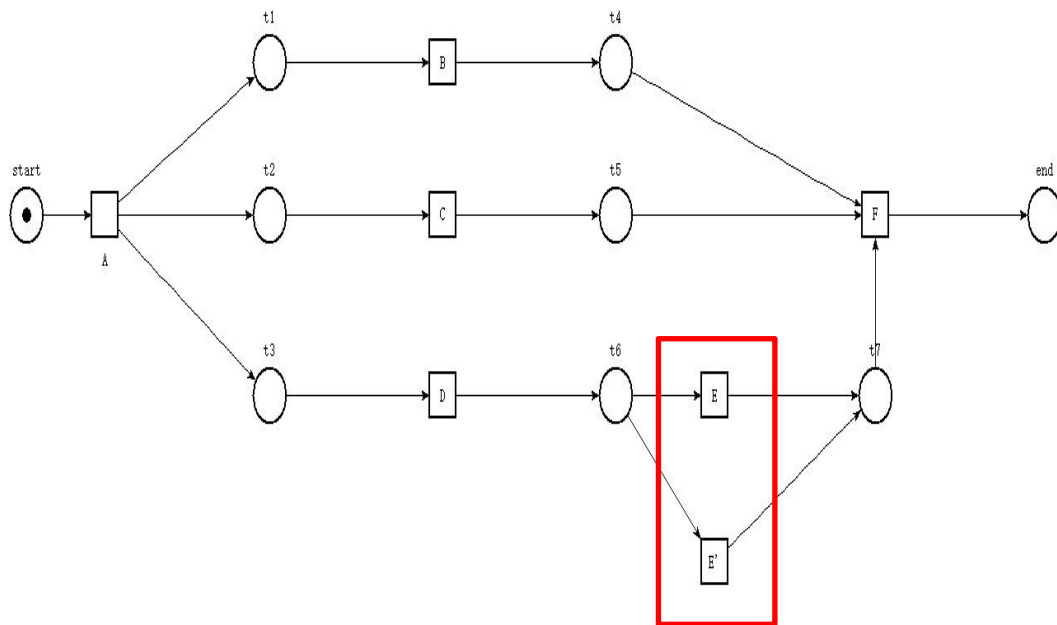


Figure 2.28
Project X

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graph LR
    start((start)) --> A[A]
    A --> t1((t1))
    A --> t2((t2))
    A --> t3((t3))
    t1 --> B[B]
    B --> t4((t4))
    t2 --> C[C]
    C --> t5((t5))
    t3 --> D[D]
    D --> t6((t6))
    t6 --> E[E]
    E --> t7((t7))
    t4 --> F[F]
    t5 --> F
    t7 --> F
    F --> end((end))
  
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(b) 增添了一个 E' 作为可供选择项 (图中红框部分)



(c) 由题意可得在更改后的项目中, DE 需要连续执行, 即在本项目中事件发生的顺序有以下几种可能: ① ABCDEF ② ACBDEF ③ ABDECF ④ ACDEBF ⑤ ADEBCF ⑥ ADECBF
在原项目中增添了 t8 (图中红框部分), 修改之后的 petri net 如下:

