**Petri nets : exercice 1**

Pre

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pre | T1 | T2 | T3 | T4 |
| P1 | 1 |  | 1 |  |
| P2 |  | 1 |  |  |
| P3 |  |  |  | 1 |

P1 précède T1 et T3

Post

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Post | T1 | T2 | T3 | T4 |
| P1 |  | 1 |  |  |
| P2 | 1 |  |  | 1 |
| P3 |  |  | 1 |  |

P1 suit T2

Incidence

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| C | T1 | T2 | T3 | T4 |
| P1 | -1 | 1 | -1 |  |
| P2 | 1 | -1 |  | 1 |
| P3 |  |  | 1 | -1 |

Post-Pre

Fireable : T1, T3

**Exercice 2**

T1 is fireable. T2 reachable ?

|  |  |  |  |
| --- | --- | --- | --- |
|  | T1 | T2 | T3 |
| P1 | 3 | -1 | 1 |
| P2 | 1 | 0 | 0 |