

Prob.1.7. If a Petri net has n places, p_1, p_2, \dots, p_n with capacity $K(p_i)$, $i = 1, 2, \dots, n$, what is the maximum possible different markings that this net can have? Assume that tokens are identical or indistinguishable. [Meng]

Prob.1.8. For the finite capacity net shown in Fig. P1.8:

(a) Apply the strict transition rule to find a reachability graph. (b) Transform the net into a pure net and apply the strict transition rule to find a reachability graph. (c) Apply the complementary-place transformation to the pure net obtained in (b) and then find a reachability graph. (d) Compare the three reachability graphs found in (a), (b) and (c).

[Sanchez]

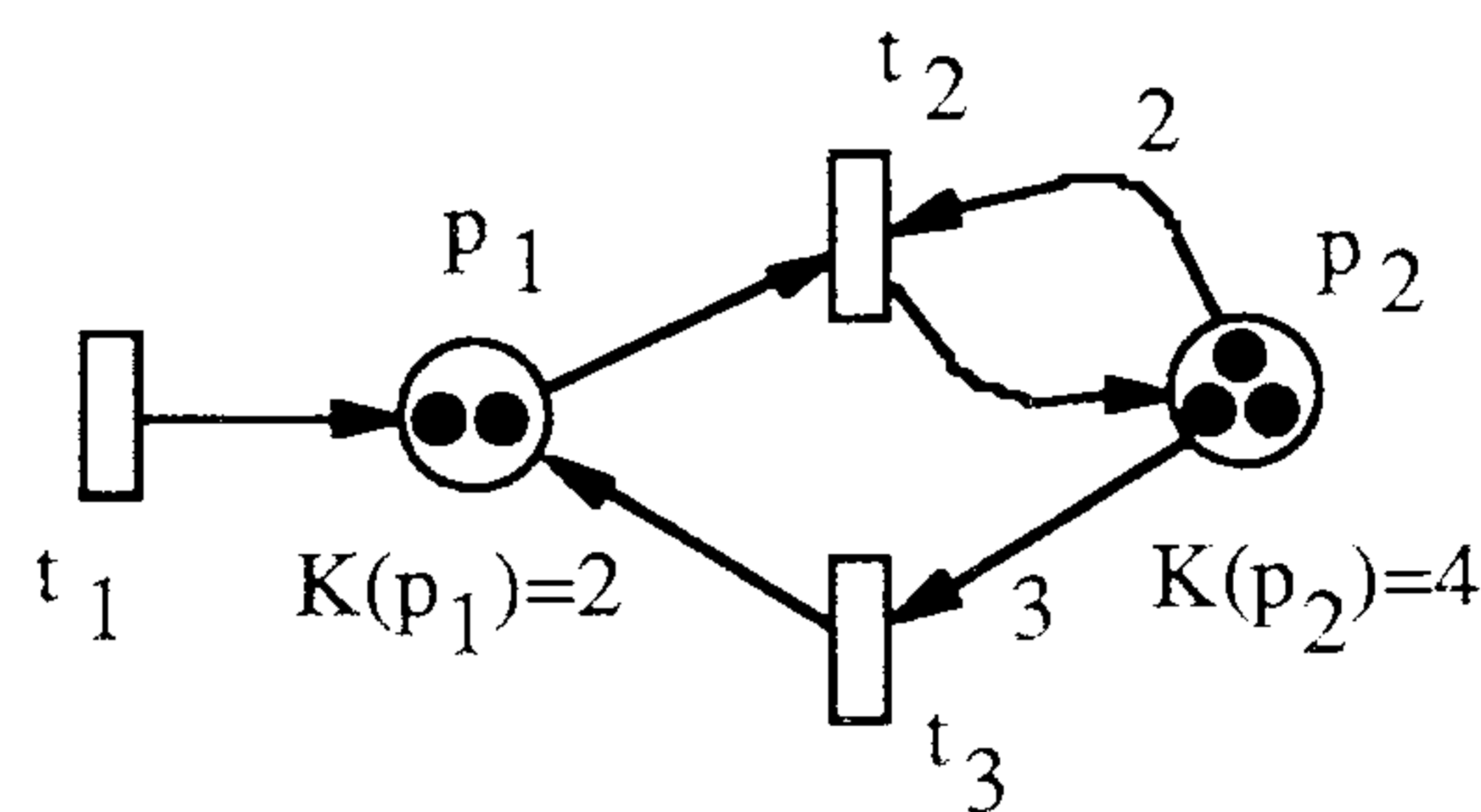


Fig. P1.8 A finite capacity net