

This rule with the capacity constraint is called the *strict transition rule*, whereas the rule without the capacity constraint is called the (*weak*) *transition rule*. Given a finite capacity net (N, M_0) , it is possible to apply either the strict transition rule to the given net (N, M_0) , or equivalently, the weak transition rule to a transformed net (N', M'_0) , the net obtained from (N, M_0) by the following *complementary-place transformation*, where it is assumed that N is pure.

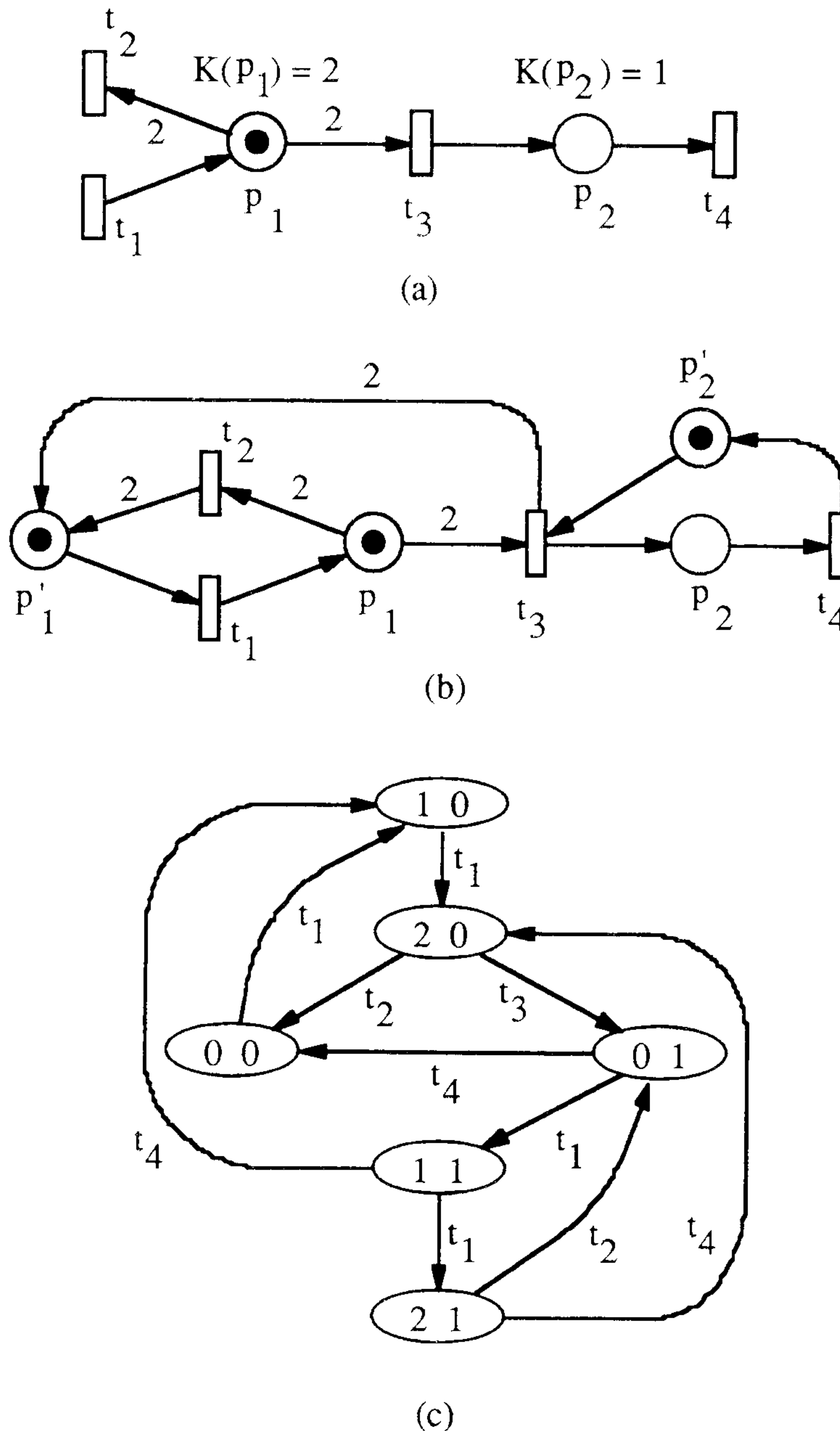


Fig 1.2. Example 1.2: An illustration of the complementary-place transition: