

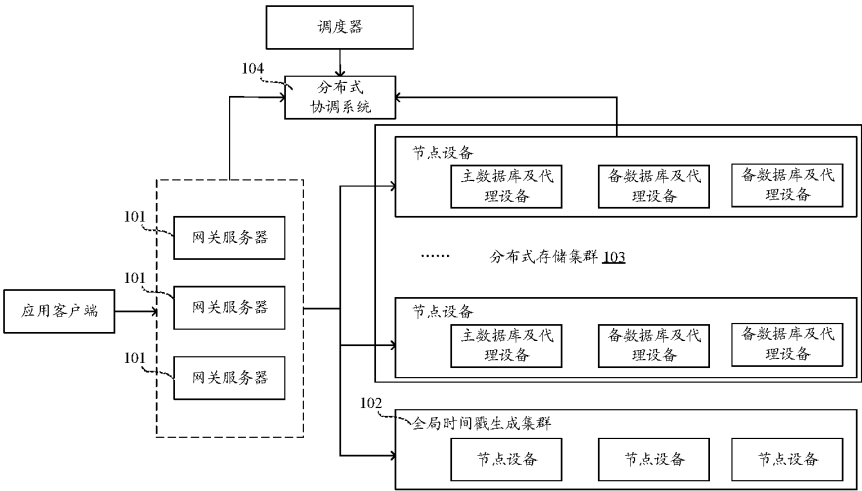


图 1

冲突环图 2-1

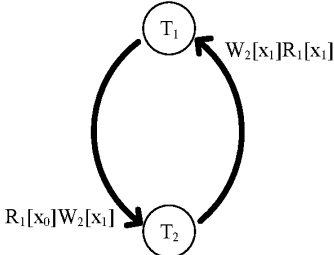
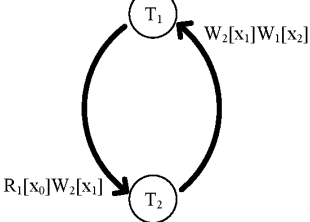


图 2

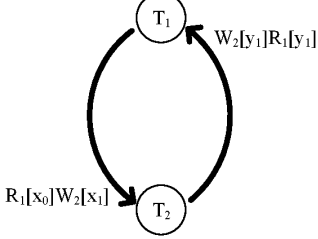
冲突环图 3-1



丢失更新异常

图 3

冲突环图 4-1



读偏序异常

图 4

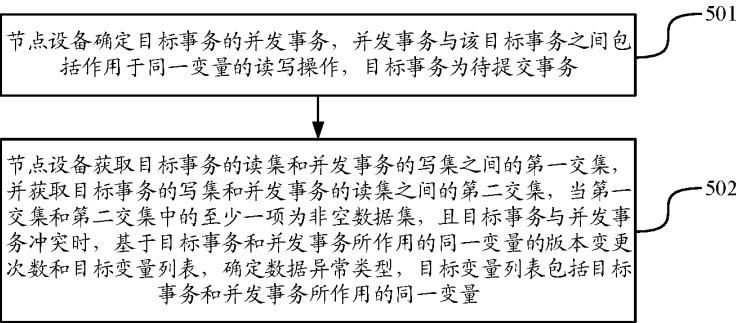


图 5

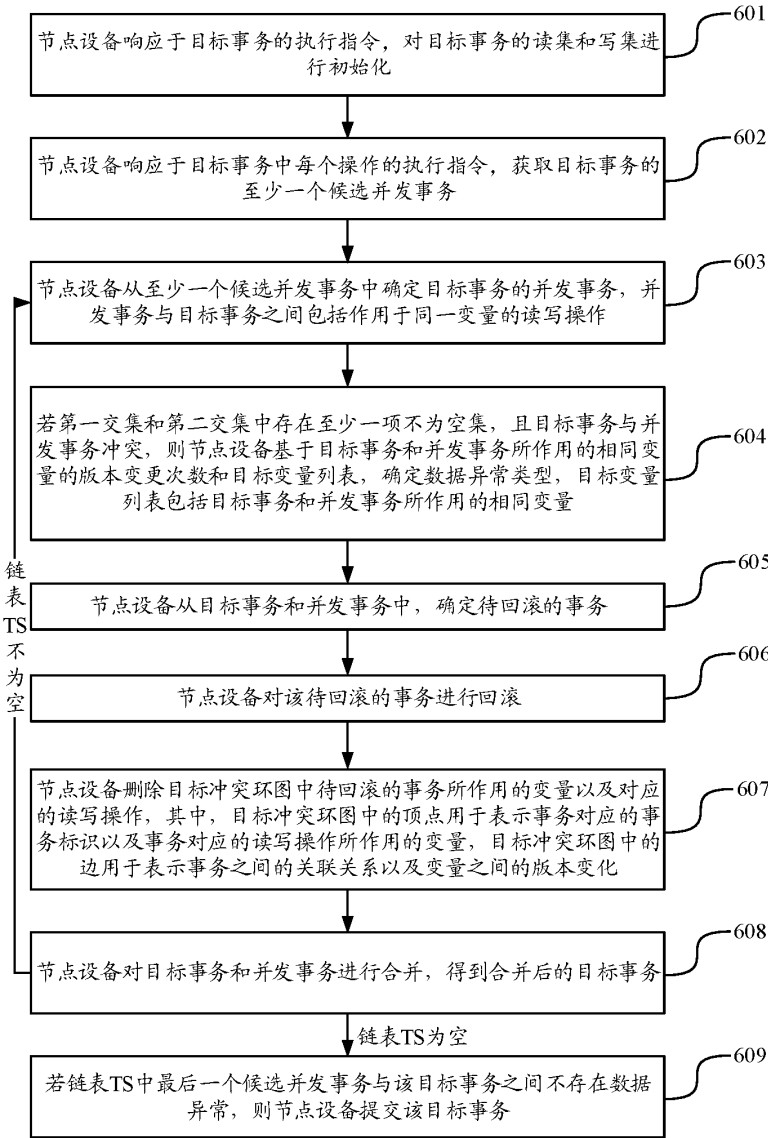


图 6

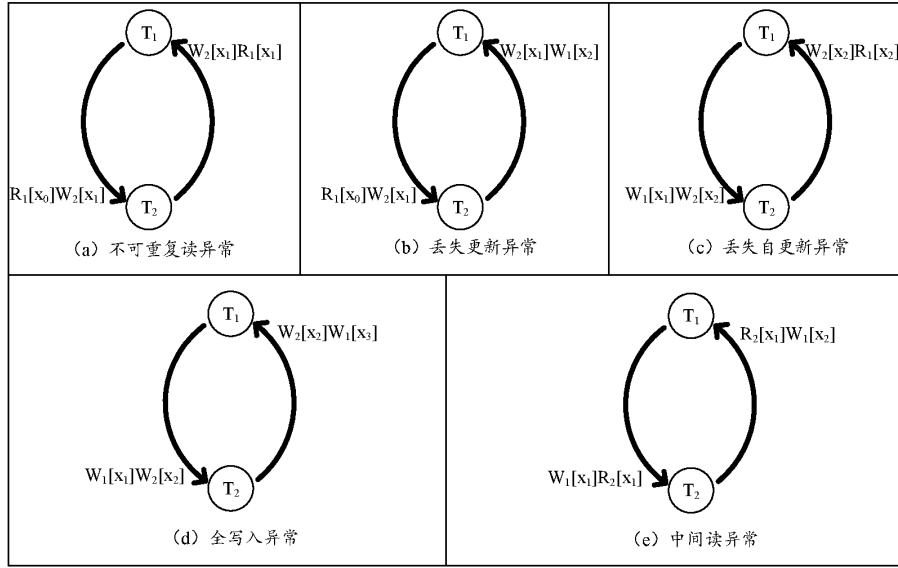


图 7

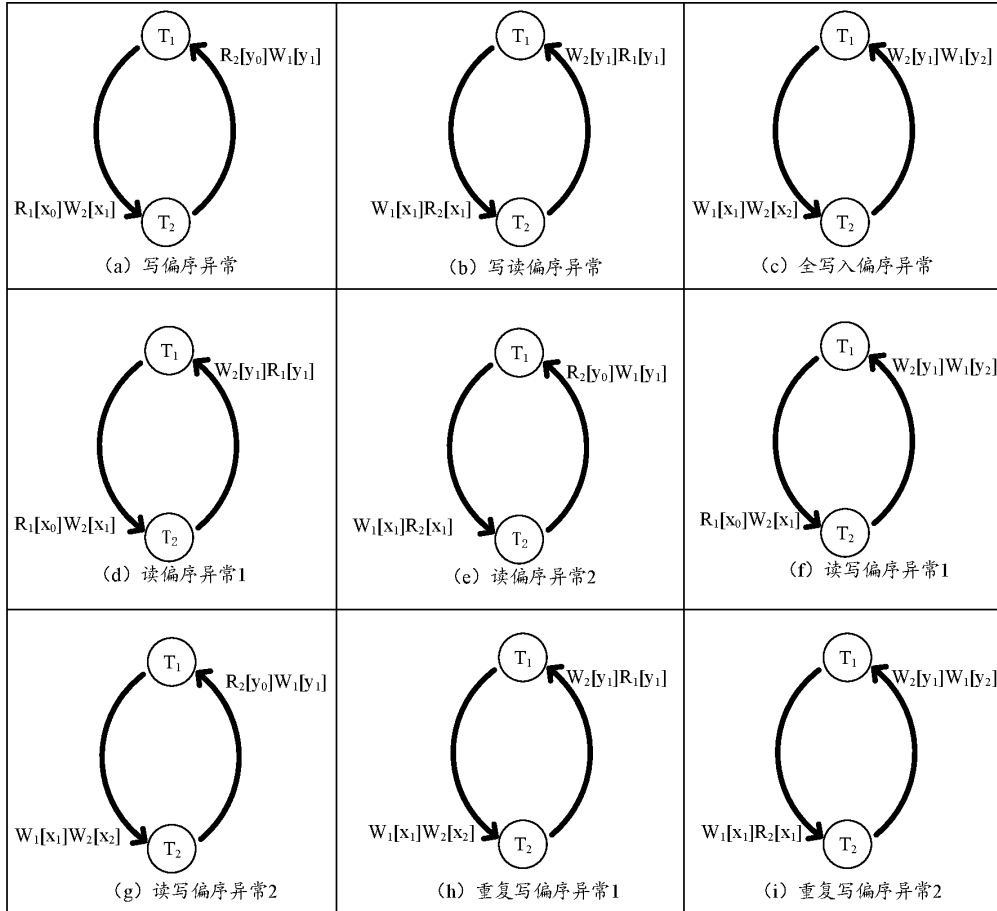


图 8

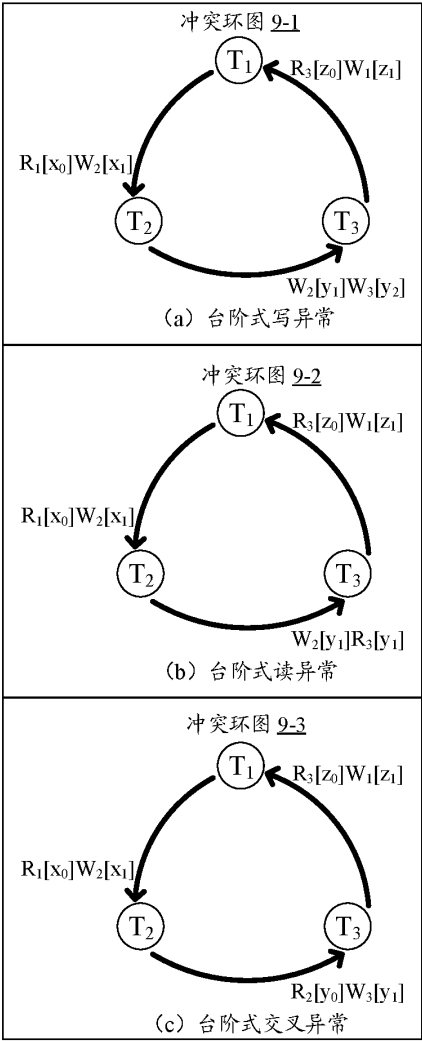


图 9

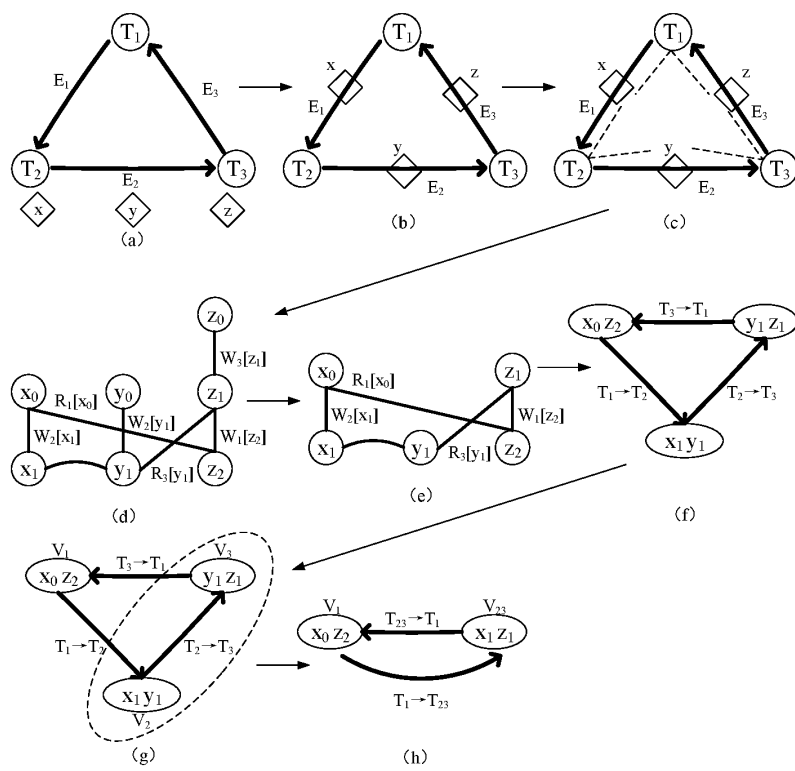


图 10

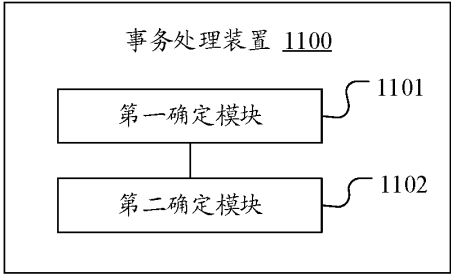


图 11

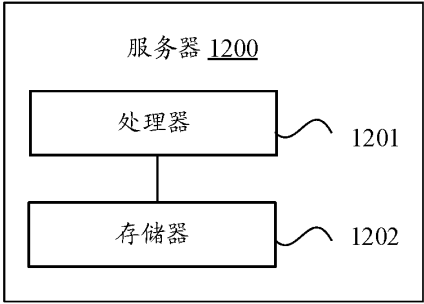


图 12