

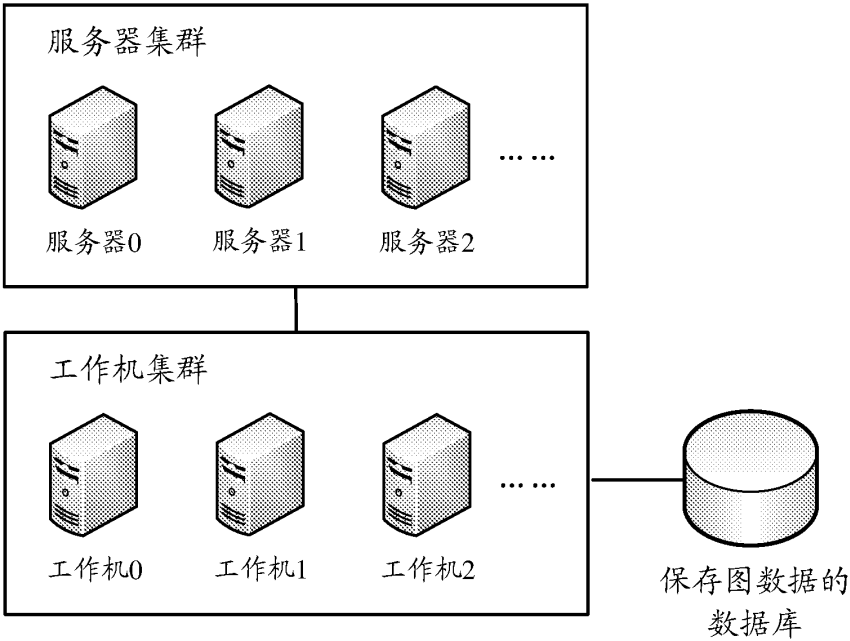


图 1

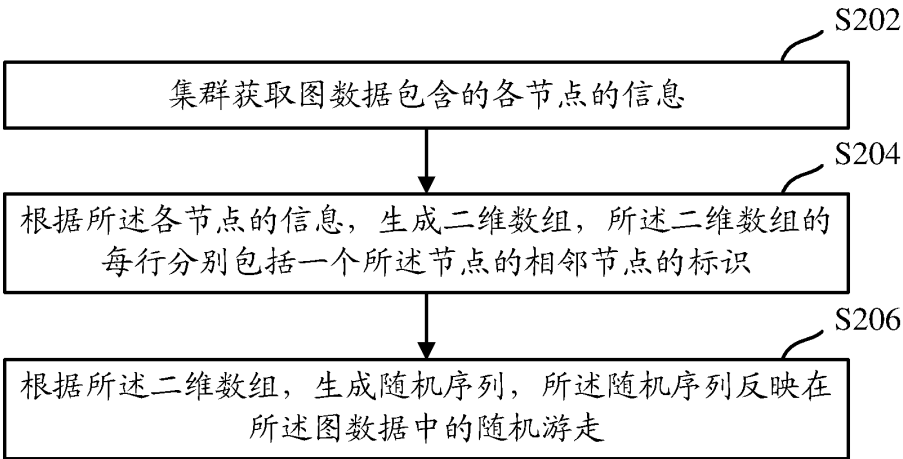
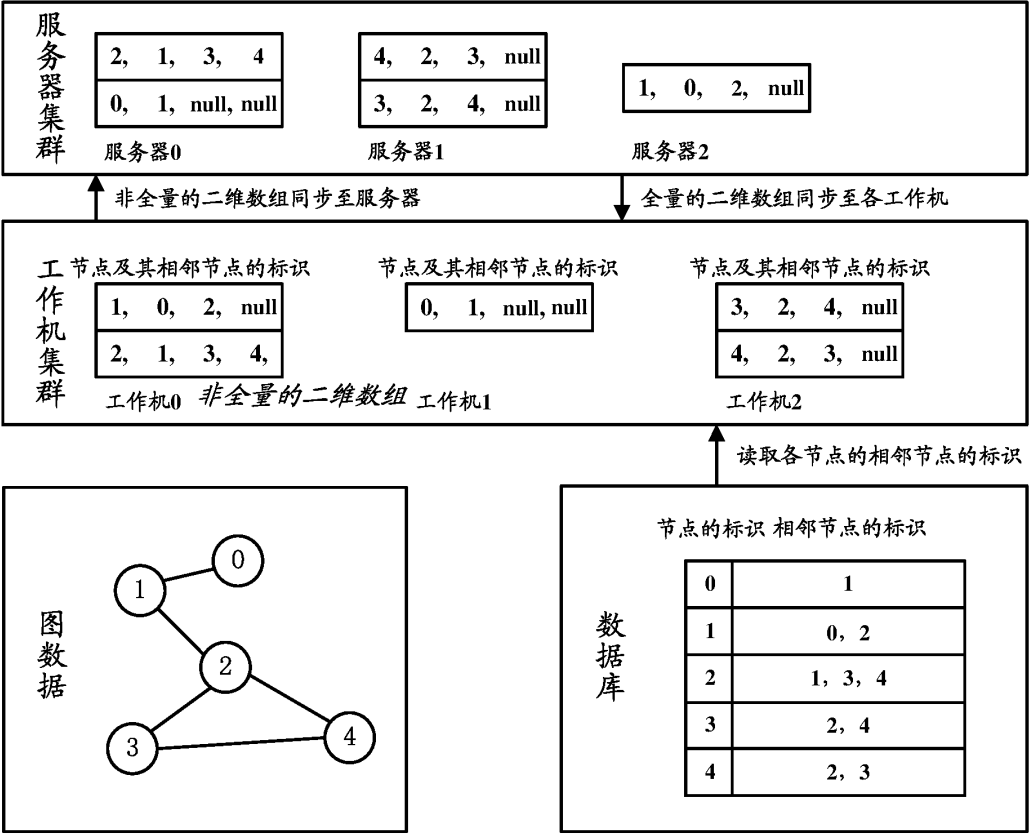
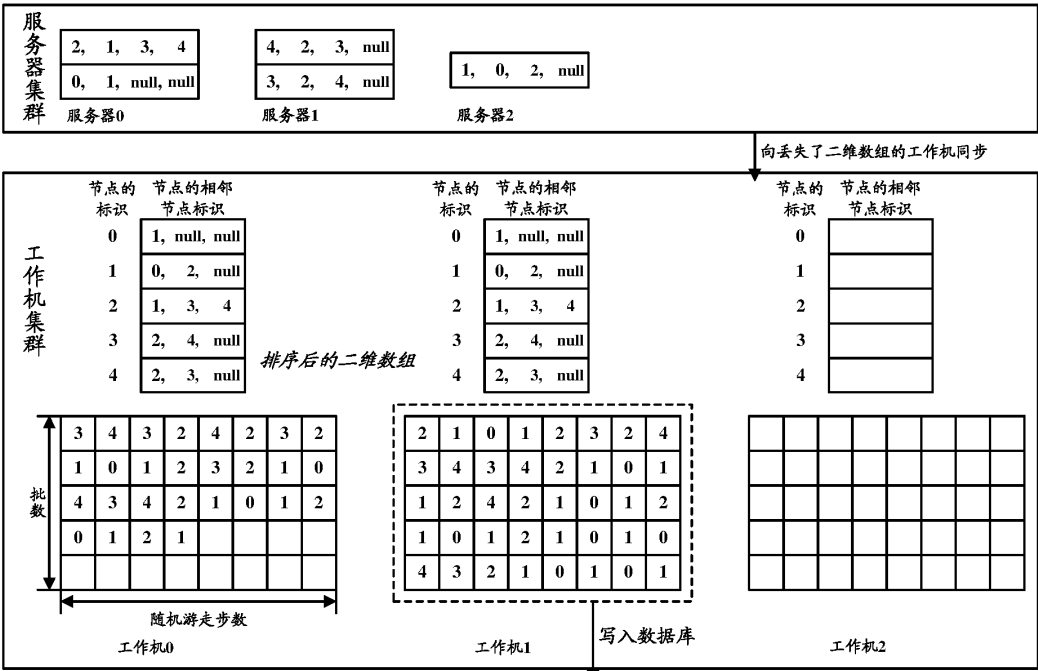


图 2





工作机集群

节点的标识

节点的相邻节点标识

0	1, null, null
1	0, 2, null
2	1, 3, 4
3	2, 4, null
4	2, 3, null

排序后的二维数组

3	4	3	2	4	2	3	2
1	0	1	2	3	2	1	0
4	3	4	2	1	0	1	2
0	1	2	1				

批数

随机游走步数

工作机0

节点的标识

节点的相邻节点标识

0	1, null, null
1	0, 2, null
2	1, 3, 4
3	2, 4, null
4	2, 3, null

2	1	0	1	2	3	2	4
3	4	3	4	2	1	0	1
1	2	4	2	1	0	1	2
1	0	1	2	1	0	1	0
4	3	2	1	0	1	0	1

写入数据库

工作机1

节点的标识

节点的相邻节点标识

0	
1	
2	
3	
4	

工作机2

图 4

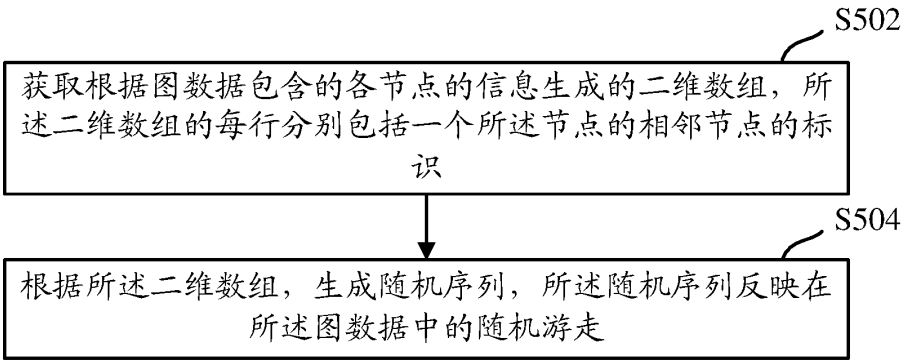


图 5

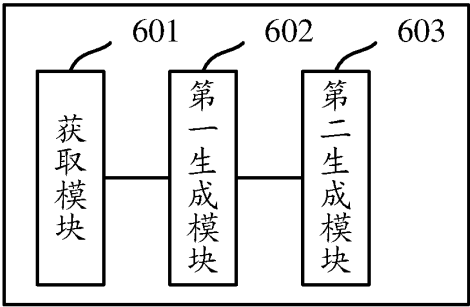


图 6

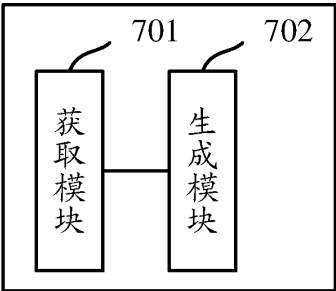


图 7