**private void** splitLeafNode(Node correctLeafNode,Node parent){

/………./获取子节点列表

/……../①更新distances数组

childIds.insert(pos,id);//将id插入对应位置  
/……../②计算新的左右子节点的尺寸，原则:左大右小

/………./初始化新的右侧的叶节点  
childIds.removeRange(leftSize, childCount); *//*③清空分裂出去的位置

/…../ ④移动parent的后续分支的槽位childrenNodeIds[branchPos + 1] = rightLeaf.getId();  
branchDistances[branchPos + 1] = rightLeaf.distances[rightSize - 1];  
branchBounds.insert(branchPos \* 2, rightLeaf.distances[0]);  
branchBounds.insert(branchPos \* 2 + 1, rightLeaf.distances[rightSize - 1]);  
//⑤更新parent节点的branchBounds，branchDistance,childNodesnodePool.addNode(rightLeaf);  
*//*⑥将rightLeaf加入节点池中

}