```
private void splitNonLeafNode(Node ancestorUpper,Node
ancestorLower,IntArrayList dpList){
    /…/计算分裂后节点节点大小
    IntArrayList rightList = new IntArrayList(rightSize);
    for(int i = leftSize;i < dpCount;i++){
        rightList.add(dpList.get(i));
    }
    dpList.removeRange(leftSize, dpCount - 1);
    //更改左右节点的数据点集合

    Node leftNode = new Node(nextNodeId(),false);
    leftNode.setParent(ancestorUpper);
    leftNode.setNodeHeight(ancestorUpper.getNodeHeight() + 1);
    makeVpTree(leftNode,dpList);
    //设置左节点，并以左节点为根节点，分裂新的子树

    Node rightNode = new Node(nextNodeId(),false);
    rightNode.setParent(ancestorUpper);
    rightNode.setNodeHeight(ancestorUpper.getNodeHeight() + 1);
    makeVpTree(rightNode,dpList);
    //设置右节点，并以右节点为根节点，分裂新的子树

    int pos = locateChildPos(ancestorUpper,ancestorLower);
    //定位下方祖先节点的分支位置

    shiftBranchInfo(ancestorUpper,pos + 1,1);
    //将后续分支的配置信息向后挪动

    /…../更新上方祖先节点的元数据
}
```