



















## **Step 4: Computation of** Neighbors

- Each node in the call graph has a set of interesting neighbors associated IF(N)
- Node B is an interesting neighbor for node A if their conflict can affect performance
- □ IF(N) is estimated including some of the closest relatives of N
- Depending on the call graph size, IF(N) size is tuned to let the algorithm be fast enough

## **/**

## **Neighbors: Example**



This example shows 3 possible neighbors for node P4. The number of neighbors can be extended to include grandparents, grandchildren, cousins and other relatives

Each neighbor has a conflict cost associated. The closer the two nodes, the higher this cost. The cost is also proportional to the number of times the two functions may conflict















