
Algorithm 1: Pseudocode of the flow propagation algorithm.

```
1 foreach node  $n \in OFG$  do
2   |    $in[n] = \emptyset$ 
3   |    $out[n] = gen[n] \cup (in[n] \setminus kill[n])$ 
4 end foreach
5 while any  $in[n]$  or  $out[n]$  changes do
6   |   foreach node  $n \in OFG$  do
7     |   |    $in[n] = \cup_{p \in pred(n)} out[p]$ 
8     |   |    $out[n] = gen[n] \cup (in[n] \setminus kill[n])$ 
9     |   end foreach
10 end while
```

$pred(n)$ is the set of predecessors of node n .