

fragmentation step  $k$

$k - 1$

${}^k\mathcal{N}_0^o$

${}^k\mathcal{N}_1^o$

${}^k\mathcal{N}_2^o$

Join

${}^k\mathcal{N}_0^o$

${}^k\mathcal{N}_{-1}^e$

Join

${}^{k-1}\mathcal{N}^o$



odd node-tree



even node-tree



subtree

$f_e$

$f_o$

$f$