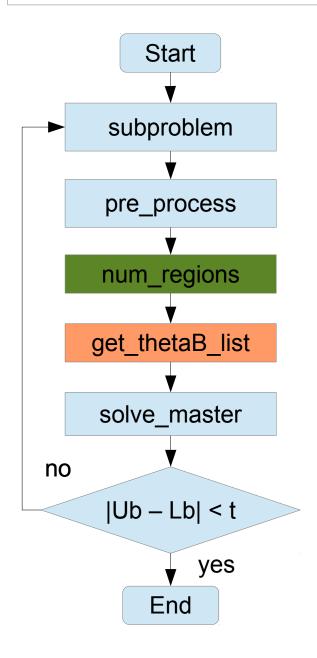
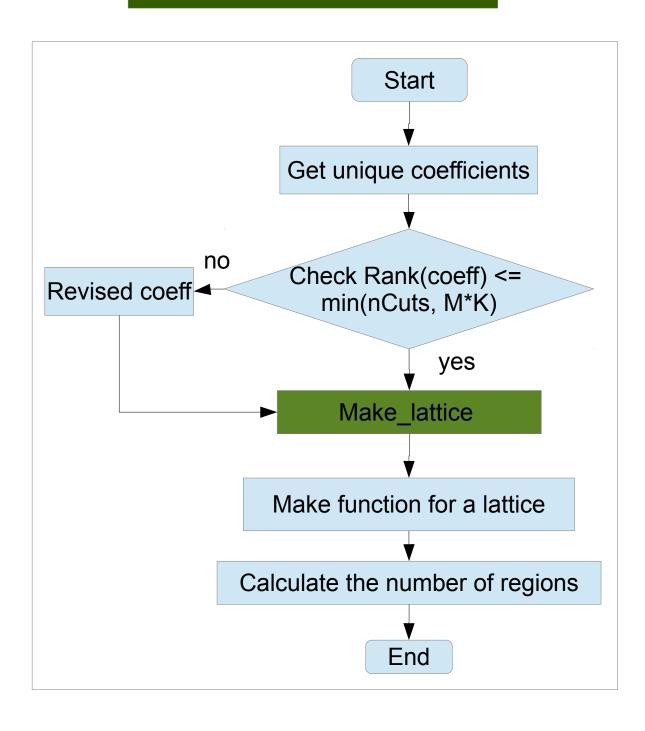
## Main flowchart of GOP

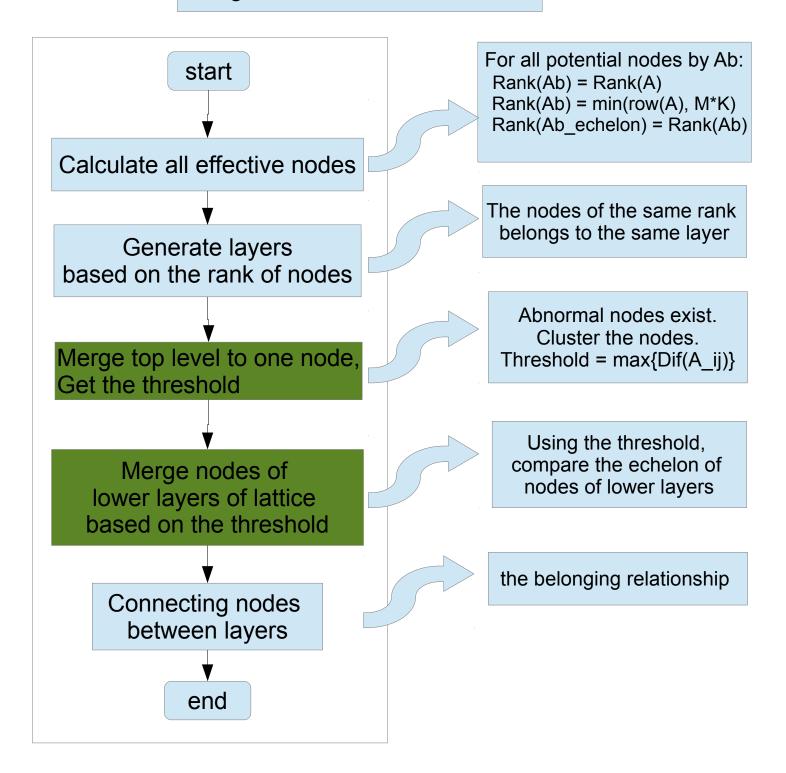


### num\_regions



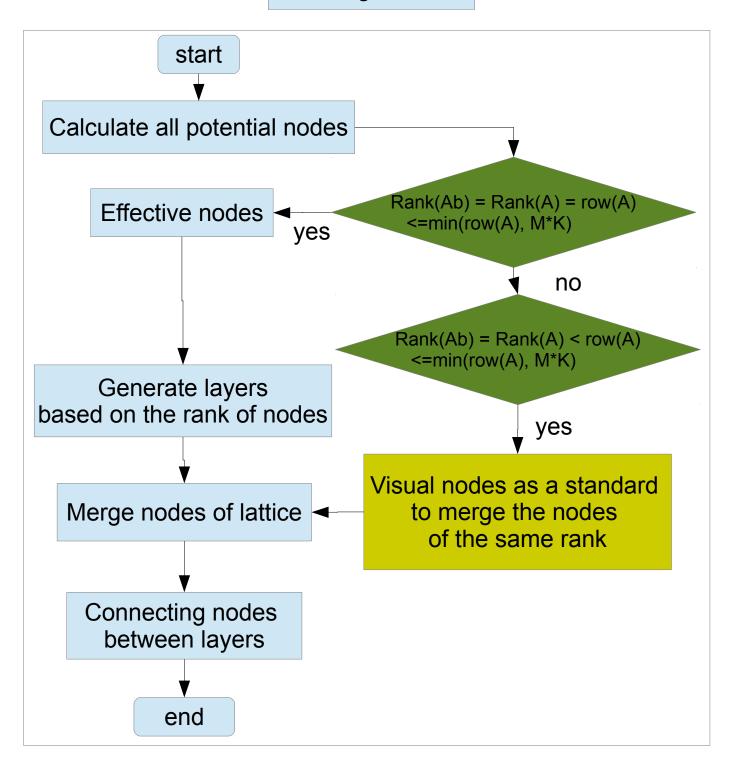
#### Make lattice

#### Using Reduced row-echelon form

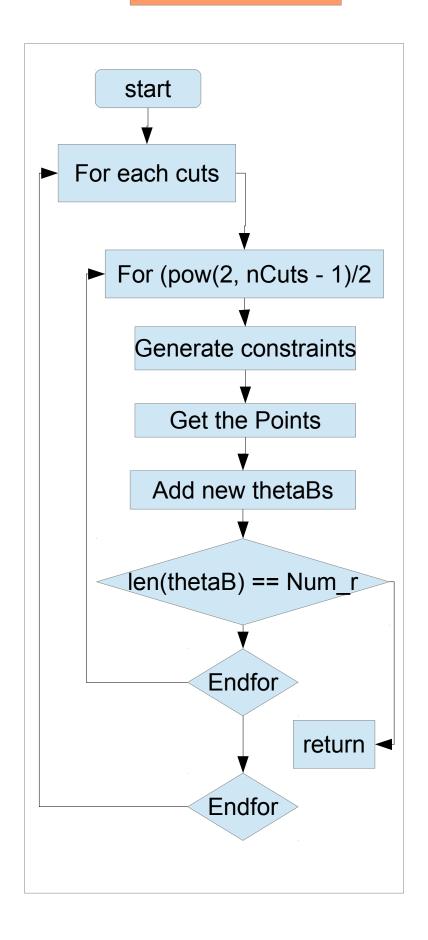


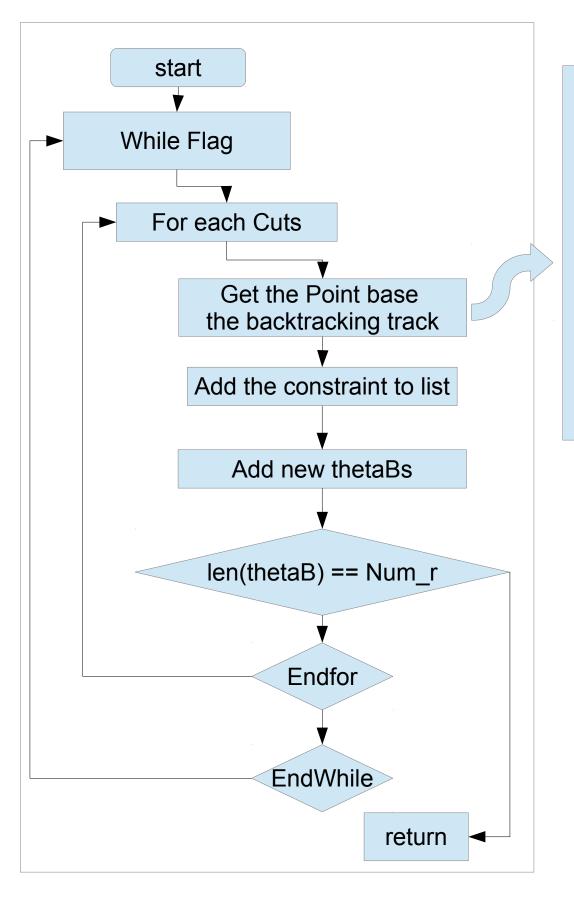
### Make\_lattice

# Using Rank



# get\_thetaB\_list





Alpha \* g(x) + (Alpha – 1)\*g(x) >= thre  $S(Alpha_i) - S(Alpha) <= N(alpha_i)$  -