

- Input: Maximal cliques which MBC is greater than  $\epsilon$

For each clique:

1.  $P \leftarrow$  Set of points in clique
2.  $S \leftarrow \emptyset$
3. Find  $MBC$  in  $P$
4. While  $MBC.radius \leq \frac{\epsilon}{2}$ :
  - 4.1.  $E \leftarrow ExtremalPoints(MBC)$
  - 4.2.  $S \leftarrow S \cup E$
  - 4.3.  $P \leftarrow P - E$
  - 4.4. Find  $MBC$  in  $P$
5.  $S \leftarrow S \cup ConvexHull(P)$
6. return  $S$