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1. Select an element i^* at random in $N = \{1, 2, \dots, n\}$.
 2. Make $M_1 = \{i^*\}$, $k = 1$ and $improve = 1$.
- While ($improve = 1$)
3. Compute $CL = \{1, 2, \dots, n\} \setminus M_k$
 4. Construct RCL with $\alpha|CL|$ elements randomly selected in CL
 5. Compute $eval(i) = dm(M_k \cup \{i\}) - dm(M_k) \forall i \in RCL$
 6. Select the element i^* in RCL with maximum $eval$ value
- If ($eval(i^*) > 0$)
7. $M_{k+1} = M_k \cup \{i^*\}$
 8. $k = k + 1$
- Else
9. $improve = 0$
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