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1: procedure RANDOMRESTARTS( $T$ )
2:    $S \leftarrow \text{RandomCandidate}()$ 
3:    $Best \leftarrow S$ 
4:   repeat
5:      $time \leftarrow value \in T$ 
6:     repeat
7:        $R \leftarrow \text{Tweak}(\text{Copy}(S))$ 
8:       if  $\text{Quality}(R) > \text{Quality}(S)$  then
9:          $S \leftarrow R$ 
10:      end if
11:    until  $(S = \text{IdealSolution}) \vee (\text{LocalTime} = 0) \vee (\text{GlobalTime} = 0)$ 
12:    if  $\text{Quality}(S) > \text{Quality}(Best)$  then
13:       $Best \leftarrow S$ 
14:    end if
15:     $S \leftarrow \text{RandomCandidate}()$ 
16:  until  $(Best = \text{IdealSolution}) \vee (\text{GlobalTime} = 0)$ 
17:  return  $Best$ 
18: end procedure

```