Subset Sum Problem

Given a list of $n$ numbers, partition the numbers into two parts, such that the difference between the two parts is minimum
e.g.  4,3,2,1

6,5,5,2

13,10,7,6,4
Karp-Karmarker Algo

Find the difference between the two largest numbers. Repeat until only one number left, then back track to find where every number belongs.
Both Engineer Method & KK Method have worst ratio 7/5

e.g. 3,3,2,2,2
   V  V
   0  0