

```
since, un = m un , we have un - m on
       For this, D1=11, 12=12
      If l' = l2, then l = 12
       Else aj >m, fr come j, ao' = 0 (Boundary regim)
      Each aj, 1 \ j < n, = aj or aj-1, thum, some ax >m
crce (ii) an = an' bn = b' + a
         an = bi, ai = bi, an ≤ ai +a, bn >bi+a
         => an', aita, bn', bi, ta > m
         Thun, an m, bn m.
         As attent one exoginient in 1, is 7, m, we don't require l_1 = l_2.
 case (iii) and (iv) follows similarly.

an = ai+a

an = ai+a

by
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