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Location of the zeros of
             linear phase FIR fetters:
The transfer function of a linear phase
 FIR felter is ge'ven by
          H(3) = = h(n) 3/2
 where him = empulse response of
4 3,30 is a non zero finite zero of H(3)
then |3|_{3=36} = |4(36)| = \sum_{h=0}^{N-1} h(n) |36| = 0
 H(80) = h(0) + h(1) \( \frac{7}{6} + \cdot \cdot \cdot \h(N-1) \( \frac{86}{6} = 0 \)
Por linear phase filter
          h(n) - h(n-1-n).
\frac{-(N-1)}{2} + \frac{h(N-1)}{2} + \frac{h(N-2)}{2} + \frac{-1}{2} + \dots + \frac{h(6)}{2} = 0.
       - (N-1) [h(N-1) 80 + h(N-2) 80 + --- . h(1) 80 + h)
    -(N-1) N-1 h(n) 80
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h = 0

H(3.9) = 3.9 H(3.9) = 0. -(N-1) + (3.9) = 0.That indicates et 4(80)=0 then for von zero value of 30 #(3/5) = 0. 100 H(80) = H(80) =0 it ni clear that. From above equation H(3), then 3/5 if 80 is a zero is (also a ztero.

is (3-51)x, $3 \ge + (3-6)$, y, $3 \ge - - (12)y$