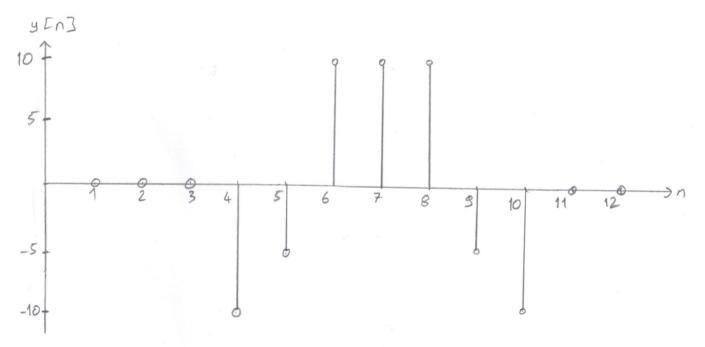
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BLG354E Signals and Systems HW1

1) N=-1 > Index of the first non-zero value of XCM3 M=5 > Index of the first non-zero value of hCM3

y En J = 0 for n L N + M = 4y En J = -10 S En - 43 - 5 S En - 53 + 10 S En - 63 + 10 S En - 73 + 10 S En - 83 - 5 S En - 93 - 10 S En - 103



2) N=0 > Index of the first non-zero value of XIn3
M=0 > Index of the first non-zero value of hIn3

45 m3 = 0 for n L N+M = 0

YEN] = 5 & [n] + 20 & [n-1] + 50 & [n-2] + 100 & [n-3] + +125 & [n-4] + 120 & [n-5] + 80 & [n-6]