Lee-11,00,24-25, Sec-A

fer uniform separation blu lovels, what temp will be that separation? -> 2mp/L for uniform separation blu lovels, what L-Ilouels imply mp=3
L bashiets from L=4
-mp to mp. +3 - mb-smb/r - mb +3+3/2 +-mp+2mp/L m-1.3 +0 +-3/2 +-3 first, wefindthat m = 1.3 falls

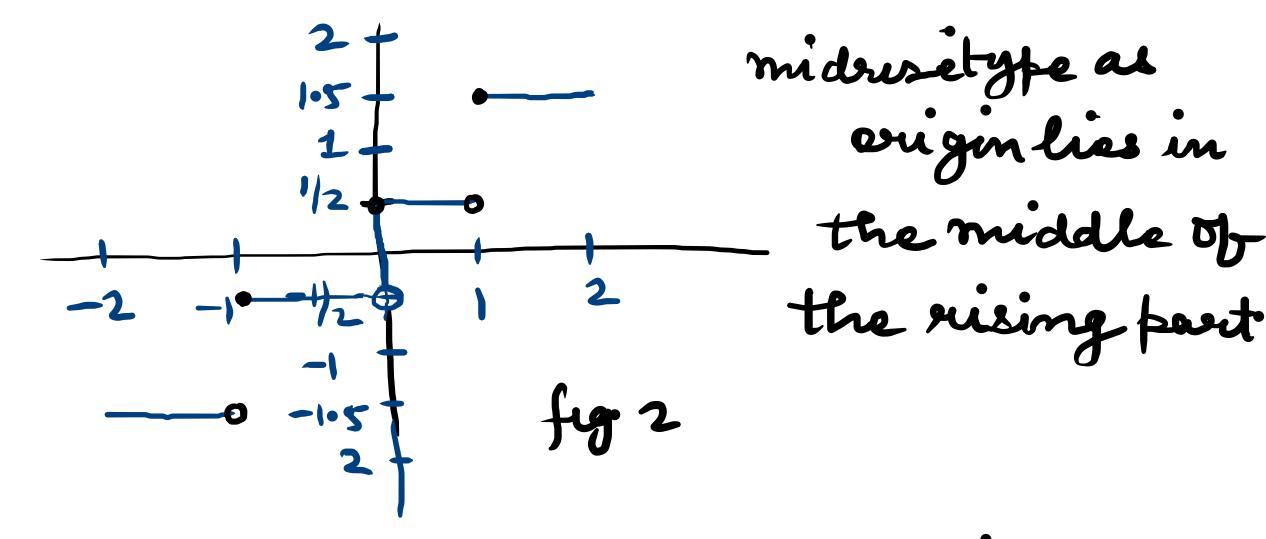
in the bashet [0, 3/2), then we check if $1.3 \ge \frac{0.73}{2} = \frac{3}{4} > \frac{3}{2}$

 $\frac{2mp}{L} = \frac{2 \times 3}{4}$ = $\frac{3}{2}$

anything above mp er below-mp is truncated to mpl-mp, respectively. partitum cell Few terms: mk-1 mk mk+1 mk+2 le=1,2.-., L mulmet) are the deusion levels er three holds. celle boshet are the same Vu:- are representation levels er reconstruction levels. all amplitudes in [mk, mu+1) are rep. by Vk. 3+32 +3 | 2 talee m = 3/2, g(m) = 2.25 5-3/2 Spacing is levels is called a quantiem

or Stepsize. mapping 1= grm) is the quantizer characteristic. which is a stair case function by definition. auantizers < Uniform - (Vi-Vi-1) Same for all i.
Non-wriferm - dett. for dett. Quantizer charac. Can be midtread or midrise. (uniform) of plavel origin hies in the middle of a tread of the stair caselle graph. 1.522.5 -2-15-1-1 Input level honce midtread.

- uncluded o-excluded



Both midrised midtread are symmetrie about the origin.

The above figs 122 are for example only.