



One benefit of either form of PAM. I deal sample.

Spectrum

Lange. flat top Int Sam. Recovery of PAM (met.): - Low fars tetter the signal (sampled) but there is high frieq. lass in the recovered analog WF due to the filtering effect HIF). How, this loss can be reduced by & T or using an equalizer with TF (How?)

Sampled (9not. PMM) -> [LPF] -> [1/H/f) subject to this is funite / essists Pulse width t is called apostuse sence 4/15 détermines the gain of the succovered analog signal -> limitations of PAM: - (both NS & IS) a were any channel La 97 we Tx PAM signal over requires a very wide fineq response because of narrow pulse width (how?) -> BW read is much larger than that 

PAM is used as the first building block of the PCM system. Also, PAM helps in efficient multiplexup of dells signals.

Quantization process: - PAM grues us signal at discrete time but

4 bit longth

Can sup. 24=16 -> The existence of a finite no of

discrete amplitude levels is a basic

condition of PCM -> pulse-code-modul