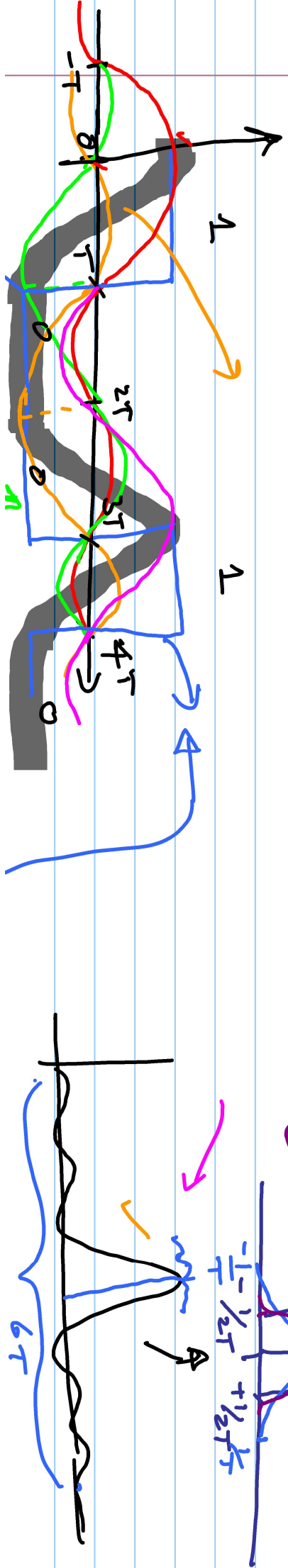
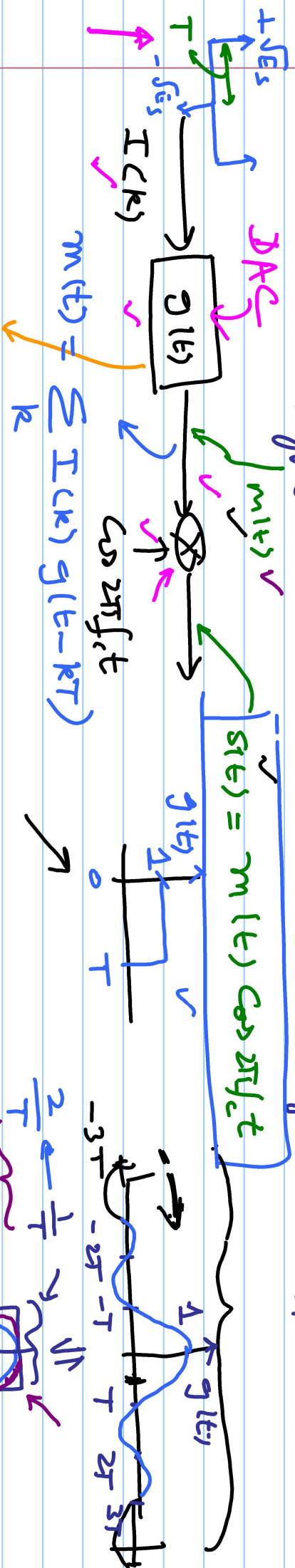


Low Pass Signal \longrightarrow Band-Pass Signal Visualization

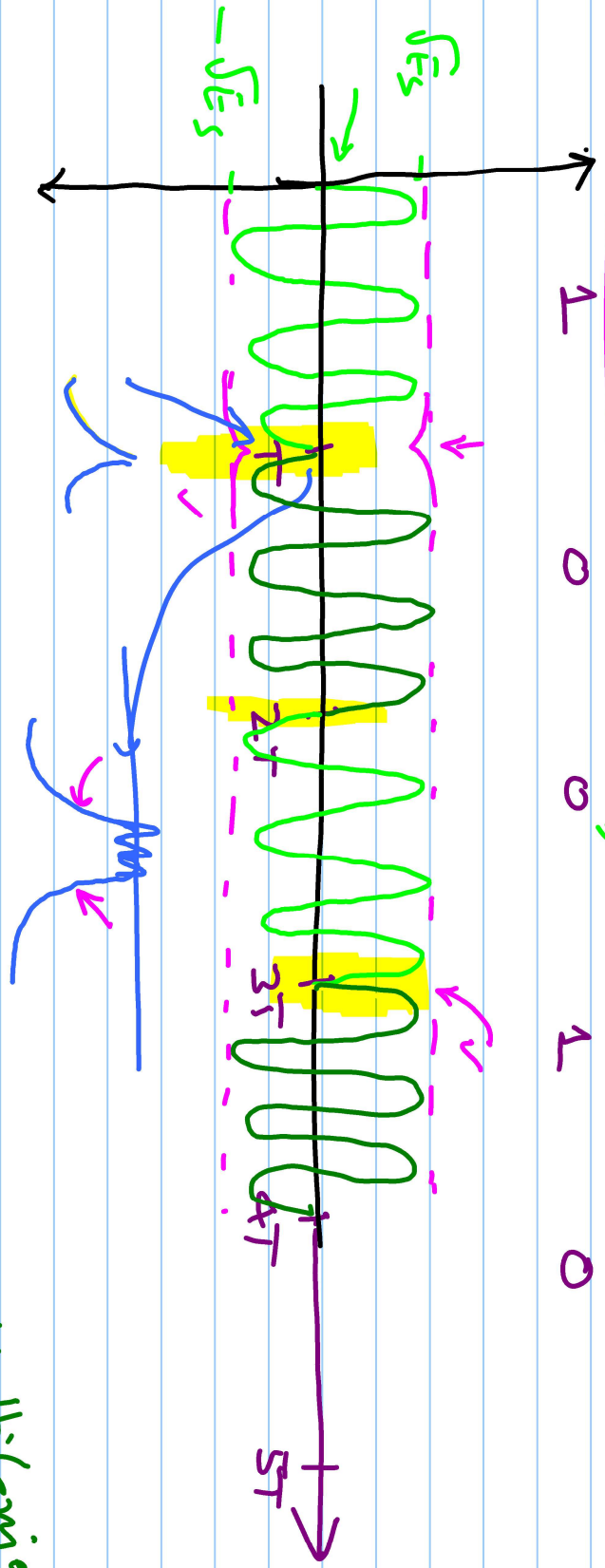


multisignalfct

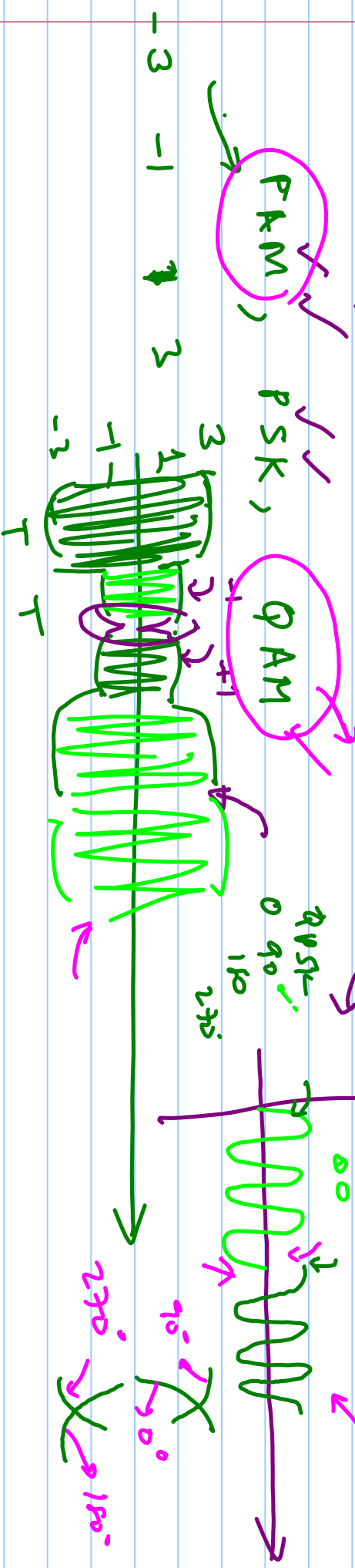
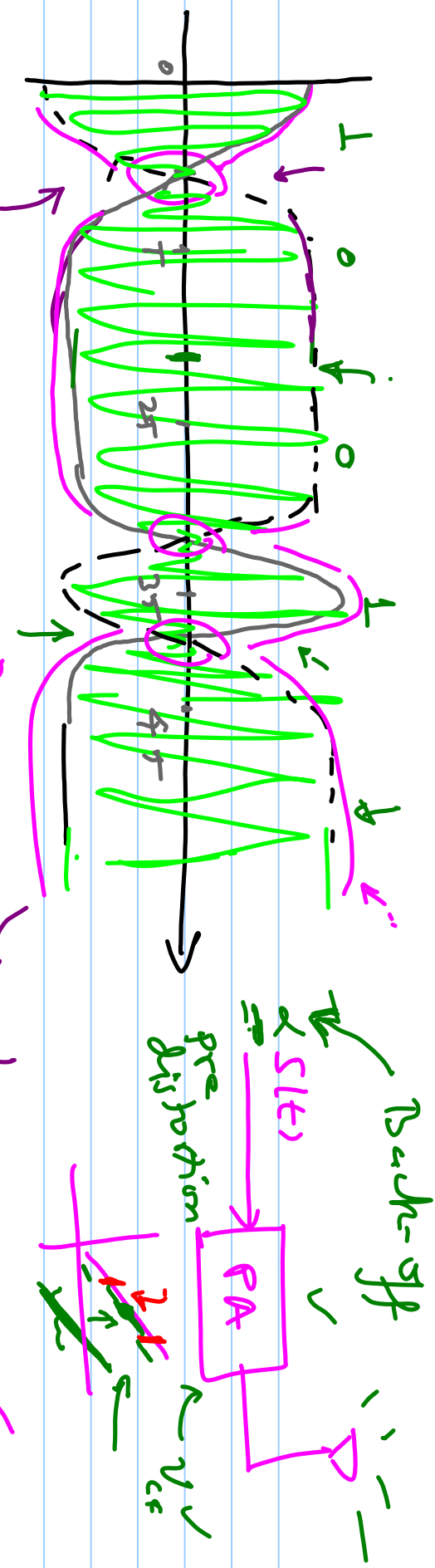
multisignalfct

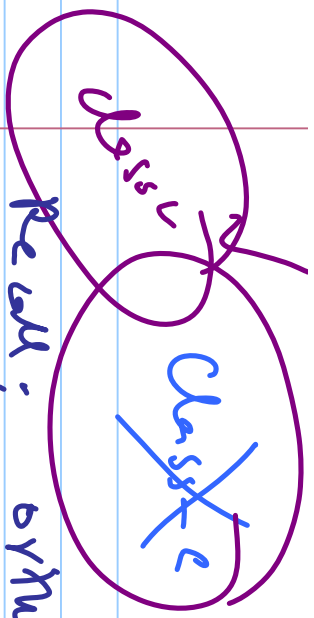
$$f_c = \frac{3}{T}$$

AM, DSB-SC



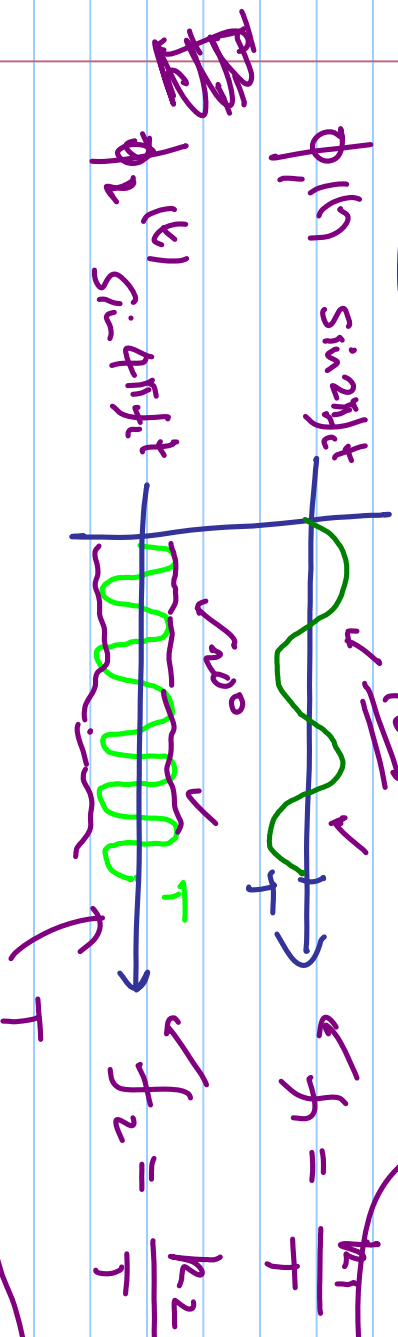
Multicarrier
Block modulation → OFDM





Amplitude

Recall: orthogonal signaling



FSK

Phase
Amplitude

DF-T - basis

constant envelope

GSM \rightarrow GMSK

CPFSK

continuous Phase Modulation

