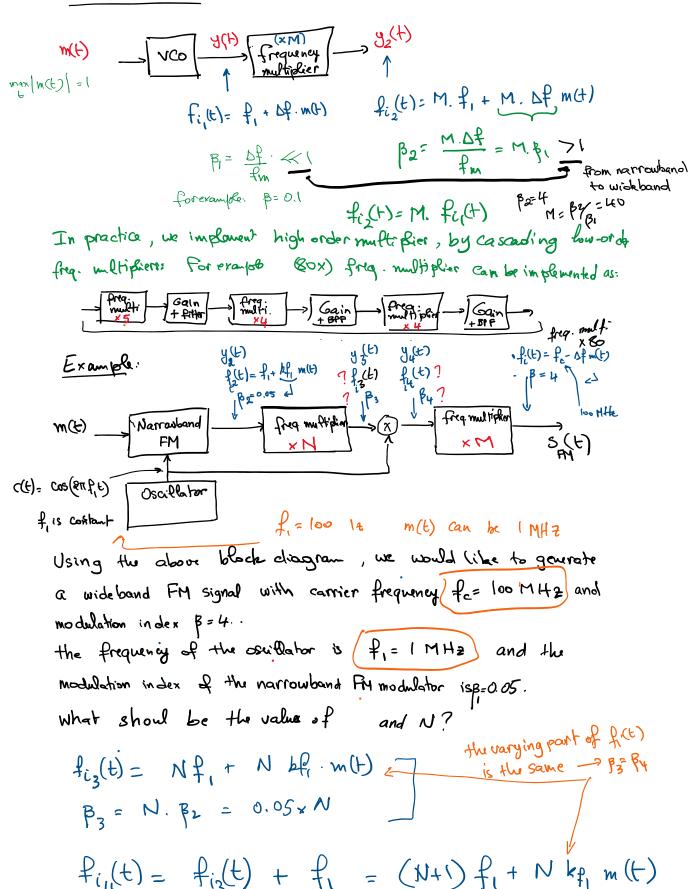
Friday March 20, 2020 9:01 AM

Wideband AM:



$$P_{i,\mu}(t) = P_{i,3}(t) + P_{i,j} = (N+1) P_{i,j} + N k_{p,j} m(t)$$

$$P_{i,j} = P_{i,j} = 0.05 \times N$$

$$P_{i,j}(t) = M \cdot P_{i,j}(t) = M(N+1) \cdot P_{i,j} + N \times M \cdot k_{p,j} m(t)$$

$$P_{i,j} = M \cdot P_{i,j} = M \cdot N \times 0.05 = 4 \qquad M(N+1) = 100$$

$$M \cdot N \times 0.05 = 4 \qquad M \cdot N = 80 \qquad M = 80$$

$$N \cdot N = 80 \qquad N = 80$$

$$N = 4$$

$$N = 80 = 120$$

$$N = 4$$

$$M = 80 = 120$$