Lec 12 X(t) = Ax (Sin (25 4000t) + COS(25 axt)): Y(=) Ay (sin(2 Kaxt) + cos(29t by t) i o (ax < 8 kHz What are the Mygnist rate and sampling pensa? . 05 bx < 16 kHz 4) X(w? ; 29t. 8E3 250 = 8 kHz frequency 8E3. 2 = 16 1cH2 Sampling " b) y(+)? 16 1cHz: freq 32 kHz; Sumpling c) x(t) + y(1)? How den største freg er 16/cHz 32 kHz; Sampling d) x(1) y(1)? 8E) + 16E) = 24KHZ, 48KHZ sampling period e) Ax = 1 and ax = 81/4z, observe 1 ms at T=01 = 62,5 NS

f) Python TM og MATLAB i git "