Lec 12 Quantization error makes it impossible to reconstruct x(t) perfectly. >2-bit ADC go brrvr -0.5 Problem 2 m(t) = 0.5 cos (200 st.t) + cos (400 st.t), K= 0.5, f= 2 kHz, Ac = 10V (ale AM system modulated signel, plot its spectrum KA, fc, Ac AM signal in time s(t) = Ac [1+ (2 m(t)] cos (we.t) = 10 [1+0.5 (0.5 (0.5 (0.5 (700 st.t)+ (0.5 (400 st.t))] cos (2E3.25.t) = (05 (4000 ft.t) (10. (05 (200 ft.t) + 5 (05 (200 ft.t) + 5)