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## **Radar Systems Engineering Lecture 6 Detection of Signals ...**

Radar Systems 4 Therefore, pulse repetition frequency is nothing but the frequency at which Radar transmits the signal. Maximum Unambiguous Range We know that Radar signals should be transmitted at every clock pulse. If we select a shorter duration between the two clock pulses, then the echo signal corresponding to

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Continuous Wave radar (CW-radar), Doppler mode, frequency modulated continuous wave radar (FM-CW-radar) Pulsed radar. Different modes of operations, pulse compression techniques to increase the resolution of the radar without losing its sensitivity.

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