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Errors And Artifacts Of Doppler Flowmeters And Their SolutionFig2.—Asanglebetween Dopplerprobeand Axis Of Blood Flow Is Changed Towards 0° , Amplitude Of Wave Increases, Although Shape Remains Unchanged. Thus, Recordings From The Doppler Velocimeters Suffer From Two Majorproblems:the Errors And Artifacts Intro-duced By The 0-crossing Detector, And The Inability To Quantifythe Traces Because Th 21th, 2024Chapter 14 MTI And Pulsed Doppler RadarChapter 14: MTI And Pulsed Doppler Radar 14 - 20 Dr. Sheng-Chou Lin Radar System Design Pulse Doppler Radar (Digital) •selection Of Digital Approach For Most Modern Pulsed Doppler Radar Designs. •Spectral Leakage - Uniformly Weighted Set Of N Samples - Other Doppler Shift High Sidelobes In The Same 11th, 2024Architecture For Range, Doppler And Direction Finding RadarThe Phase Difference Between 2 Antennas Can Be Used To Find The Direction Of A Target [10]. Fig. 8 Shows Phase Difference Between 2 Antennas Figure 8. Phase Difference In Arrival The Path Difference Δl Is Given By $\Delta = l D \sin \theta$.The Path Difference Results In A Phase Difference $\Delta\phi$ Between The Signals From The Two Antennas. 1th, 2024.

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