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""1. Introduction""; ""2. Diversity Techniques""; ""3. Space-Time Block Codes & Space-Time Trellis Codes""; ""4. Non-orthogonal ST Codes""; ""5. Mathematical Models""; ""6. Channel Characteristics""; ""7. Concatenated ST Coding""; ""8. Channel Knowledge""
""9. Diversity Gain versus Spatial Multiplexing Gain""""""10. Maximum Likelihood STBC Decoding""; ""11. Simulation Results""; ""12. Conclusions and Future Work""; ""References""; ""Resistive Rectangular Patch Antenna with Uniaxial Substrate""; ""Abstract""; ""1. Introduction""; ""2. Theory""; ""3. Conclusion""; ""References""; ""Antennal Sensillar Morphology, Structure and Function in Parasitic Wasps""; ""Abstract""; ""Introduction""; ""Conclusion""; ""References""
""Measuring of Parameters of the Acoustic Antenna Arising at Braking and Stopping of the Proton Beam in Water and Research of Characteristics of Created Field""""""Abstract""; ""1. Introduction""; ""2. Methodical Aspects""; ""3. Trace I""; ""4. Trace II""; ""5. Conclusion""; ""Acknowledgments""; ""References""; ""Optimization of Non-Uniform Linear and Circular Phased Arrays Using Genetic Algorithms to Provide Maximum Interference Reduction in Wireless Communication Systems""; ""Abstract""; ""I. Introduction""; ""II. Problem Statement""
""III. Optimization of Non-Uniform Linear and Circular Arrays to Provide Maximum Interference Reduction""