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I. Introduction: Motivation and Historical Overview II. IVR: Analogy to Anderson Localization; A. Introducing the IVR State Space; B. Quantum Ergodicity Threshold; 1. Ensemble of Hamiltonians: Probabilistic Approach to the Transition; III. Scaling Theory of IVR; A. State Space Predictions; IV. Important Questions; V. Classical-Quantum Correspondence and IVR; A. State Space-Phase Space Correspondence; B. Geometry of the Resonance Network: Arnold Web; C. Computing the Arnold Web; 1. Variational Approaches; 2. Time-Frequency Analysis; 3. "Coarse-Grained" Frequency Ratio Space  
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Sommario/riassunto

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