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Expression for the Permanent Angular Frequency"; "Typical Hierarchy of Self-Pulsing Solutions"; "Further Examples of Solutions with Extreme Control-Parameter Values"
"Localisation of the Parameter Space Involving Periodic Solutions"
Conclusion"; "Appendix A. Closed-Form Expression for the Transient Frequency"; "Appendix B. Derivation of the Pulsing Angular Frequency and Other Fundamental Closed-Form Expressions for the Permanent State"; "Appendix C. Determination of the Fifth-Order Field Component"; "References"; "Rydberg Atoms, Molecules, Ionization, Radiation Trapping and Surface Physics in Laser Excited Dense Vapours of In and Ga Confined Quartz Cells"; "Abstract"; "Introduction"; "Experimental Apparatus"; "Homonuclear Vapours"
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"Compensation of the Planar Waveguide Birefringence Using UV Laser Exposure"

Sommario/riassunto

Atomic, molecular, and optical physics is the study of matter-matter and light-matter interactions on the scale of single atoms or structures containing a few atoms. This book presents the latest research from around the world.
