

PHYSICS

FILE NO.	TITLE
R-7806	Deflecting, Splitting, and Focusing Beam of Neutral Atom and Creating Other Atom Optical Elements for the Beam of Neutral Atoms Based on the Polarizability of Highly Excited States in an Electric Field
R-7805	Complete Population Transfer to Highly Excited (Rydberg) Atomic State and Creation Continuous Highly Excited Beam of Atoms for Application in Lithography and Microfabrication
R-7716	Flat-Panel Detector with Avalanche Gain
R-7711	Optically Stimulated Condensed Matter Adiabatic Resonator
R-7524	Charge Injection Transistor in Silicon
R-7510	Infrared Radiation Imager with Optical Conversion, Processing and Readout
R-7505	SQUIDS Based on Processing of SFQ Pulses
R-7495	Method for Drawing Narrow Rings in JEOL EBL Systems
R-7479	Lateral Current Injection Laser
R-7478	Temperature Insensitive Semiconductor Laser
R-7397	Superconductor Low-Pass and Band-Pass Analog-to-Digital Modulator with High Sampling Rate
R-7189	A Method of and an Apparatus for Fabricating Opto-Electronic Devices with Controlled Refractive Index Variation
R-7181	Tunnel Barriers for Faster Field-Alterable Semiconductor Memories
R-7166	Oversampling Single-Flux-Quantum Counting Analog-to-Digital Converter
R-7165	Broadband Output Interface for Ultrafast Superconductor Digital Systems
R-7145	A Technique for Spectral Narrowing of High Power Diode Laser Arrays