

CONTENTS

In memoriam

V. KARPUS. **Gintautas Jurgis Babonas (1941–2024)**.....i

Condensed Matter Physics and Technology

V. KARPUS, S. TUMĖNAS, R. JUŠKĖNAS, J. BIRCH, and F. ERIKSSON. Reciprocal space mapping of ZnMgY face-centred icosahedral quasicrystals 215

S. MARCINKEVIČIUS, R. YAPPAROV, T. TAK, J. EWING, F. WU, S.P. DENBAARS, S. NAKAMURA, and J.S. SPECK. Volumetric carrier injection in InGa_N quantum well light emitting diodes 223

E. BUŽAVAITĖ-VERTELIENĖ, V. ŽIČKUS, J. ANULYTĖ, and Z. BALEVIČIUS. Emission induced by strong coupling between hybrid Tamm–surface plasmon polariton mode and rhodamine 6G dye exciton..... 229

Semiconductors

V. PAČEBUTAS, R. NORKUS, A. GEIŽUTIS, V. STRAZDIENĖ, and A. KROTKUS. Tellurium/GaAs heterojunctions fabricated by thermal evaporation in vacuum..... 238

A. ZELIOLI, J. ŽUVELIS, U. CIBULSKAITĖ, A. ŠPOKAS, E. DUDUTIENĖ, A. VAITKEVIČIUS, S. STANIONYTĖ, B. ČECHAVIČIUS, and R. BUTKUTĖ. Optimization of AlGaAs barrier for InGaAs quantum wells emitting in the near infrared..... 244

Electrodynamics and Wave Processes

I. NEVINSKAS, M. KAMARAUSKAS, A. GEIŽUTIS, V. KOVALEVSKIJ, M. GASPARIŪNAS, A. BIČIŪNAS, A. URBANOWICZ, R. NORKUS, and K. IKAMAS. Dependence of terahertz photoconductive switch performance on metal contact geometry..... 253

Nonlinear and Coherent Optics

S. STRECKAITE, D. FROLOV, J. CHMELIOV, A. GELZINIS, C. ILIOAIA, S. RIMSKY, R. van GRONDELLE, L. VALKUNAS, A. GALL, and B. ROBERT. Single-pixel reconstruction imaging: taking confocal imaging to the extreme..... 259