

CONTENTS

1. , ().....4	1. A.S. Sysojev, L.A. Nazarenko - REFRACTION OF GAUSSIAN WAVE - BEAM BY FLAT BORDER OF MONAXONIC CRISTAL.....4
2. SMART GRID..... 10	2. D.V. Tugay - POWER ELECTRONICS CONVERTERS IN SMART GRID..... 10
3. , ().....27	3. A.I. Kolesnyk, L. . Nazarenko - THE RESEARCH OF THERMAL CHAR- ACTERISTICS OF THE LEDS27
4. 31	4. O. Fomin - MODEL OF LED LAMPS WITH A - PARABOLIC REFLECTOR 31
5. , , 35	5. S.N. Litovchenko, A.G. Litvinov, L.A. Nazarenko STUDY OF ELECTRICAL CIRCUITS STANDARD DRIVER CONTROLLED LED - LUMINAIRES TO CREATE THE BASIS FOR THEIR CONTROL SYSTEMS LIGHTING..... 35

