



DOI: **10.5958/2249-7137.2021.01244.1**

APPLICATION AND RESEARCH OF ENERGY-SAVING LIGHTING DEVICES IN ENGINEERING NETWORKS

Obidov J.G*; **Ibrohimov J.M****

^{1,2}Ferghana Polytechnic Institute,
UZBEKISTAN

Email id: jamshidobidov19@gmail.com

ABSTRACT

This system allows to control the flow of light by adding or subtracting light. Such actions can be performed via a remote control. This system is quite complex, but very convenient. With the help of this system, a special sensor that detects the level of light can be installed and it is possible to provide automatic lighting of lamps at the desired level. The article discusses the support of energy-saving systems in the technical regulation of public utilities, in particular, metrological regulation of ballast effect control.

KEYWORDS: *Light Flux, Acoustic Noise, Acoustic Control System, General Control System, Optical Control System, Functional Circuit, Light Source.*

REFERENCES:

1. Функциональные устройства систем электропитания наземной РЭА / В.В. Авдеев, В.Т. Костилов, А.М. Новожилов., В.И. Чистяков. Под ред. В.Г. Костилова. –М.: Радио и связь, 2000. –192 с.
2. Энергия тежамкорлик асослари. А.Раджабов., М.Ибрагимов., А.Бердышев. Ўқув қўлланма. – Тошкент, 2008.– 116-132 б.
3. Энерго - тежамкор иссиқхоналарни қуриш ва улардан фойдаланиш бўйича қўлланма. Н.Обломуродов., Б.Алимов., У.Ахмедов., А.Ашуров., Н.Дадаханова., М.Ниёзов. Ўқув қўлланма. – Тошкент, 2013. – 15, 26 б.
4. Потапкин Н.Н., Вишнеvский С.А., Ашрятов А.А. Повышение энергоэффективности осветительных установок общественных помещений // Современные проблемы науки и образования. – 2015. – № 2-1

5. Obidov, J. G. O. (2020). About safety technique and issues of supplying electricity of the textile industry. ACADEMICIA: An International Multidisciplinary Research Journal, 10(9), 123-127.
6. Умаралиев, Н., Матбабаев, М. М., & Эргашев, К. М. (2020). УСТАНОВКА ДЛЯ ИЗУЧЕНИЯ ОПТОЭЛЕКТРОННОГО ДАТЧИКА ВЛАЖНОСТИ ВОЗДУХА. Известия высших учебных заведений. Приборостроение, 63(3).
7. Ibrokhimov, J. M. (2020). Application of the solar combined systems consisting of the field of flat and parabolocylindrical collecting channels for hot water supply of the industrial factories. ACADEMICIA: AN INTERNATIONAL MULTIDISCIPLINARY RESEARCH JOURNAL, 10(12), 1293-1296.
8. Иброхимов, Ж. М. (2018). АСУ ТЕХНОЛОГИЧЕСКОГО ПРОЦЕССА НА ОСНОВЕ ИНТЕЛЛЕКТУАЛЬНОГО ОПТОЭЛЕКТРОННОГО СЕНСОРА. In Современные технологии в нефтегазовом деле-2018 (pp. 280-283).
9. Jamoldinovich, A. E. (2020). THE IMPORTANCE OF METROLOGY AND STANDARDIZATION TODAY Alikhonov Elmurod. INTERNATIONAL SCIENTIFIC AND TECHNICAL JOURNAL “INNOVATION TECHNICAL AND TECHNOLOGY”, 1(4), 1-3.

Used websites:

1. <https://lex.uz/>
2. <http://fizmat.by>
3. <https://www.dissercat.com/>
4. <https://uz.khanacademy.org/>
5. <https://www.indianjournals.com/ijor.aspx?target=ijor:aca&volume=10&issue=9&article=016>
6. <https://scholar.google.com/citations?user=lZTLeSYAAAAJ&hl=ru>