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NAAC DVV CLARIFICATION – METRIC LEVEL

Criterion 3 - Research, Innovations and Extension

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national / international conference proceedings per teacher during last five years

Response: 0.28

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national / international conference proceedings year wise during last five years

HEI Input:

2022-23	2021-22	2020-21	2019-20	2018-19
05	06	03	11	02

DVV Clarifications	HEI Response
Please submit the cover page, table of contents, and the first page of the chosen publication, along with a web link for books.	The relevant details have been already uploaded in the SSR. Further the document for the metric is given hereunder.

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year					
Name of the teacher	**Title of the book/chapters published**	**ISBN number of the proceeding**	**Affiliating Institute at the time of publication**	**Name of the publisher**	**link**
Dr. S. RAMESH	A Benginners Guide for Network Security	978-93-93769-64-0	Krishnasamy College of Engineering and Technology	Pandi Publication	Raja Rammohun Roy National Agency for ISBN
Dr. D. PERIYAAZHAGAR	Digital Principles and Computer Organization	978-93-95254-87-8	Krishnasamy College of Engineering and Technology	Sri Krishna Hitech Publishing Company Pvt.Ltd	DIGITAL PRINCIPLES AND COMPUTER ORGANIZATION - Assendo Book (srikrishnabookbazaar.com)
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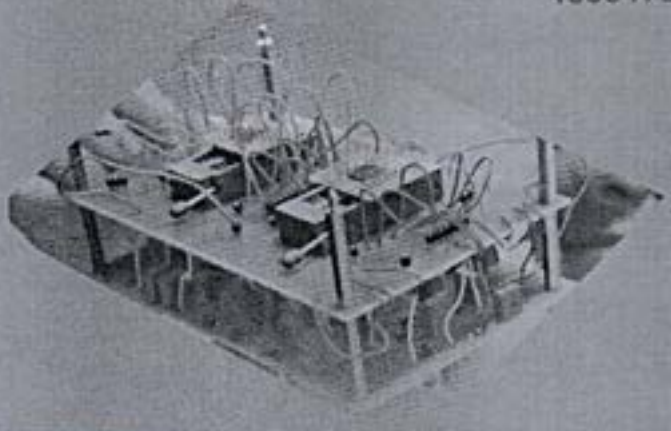

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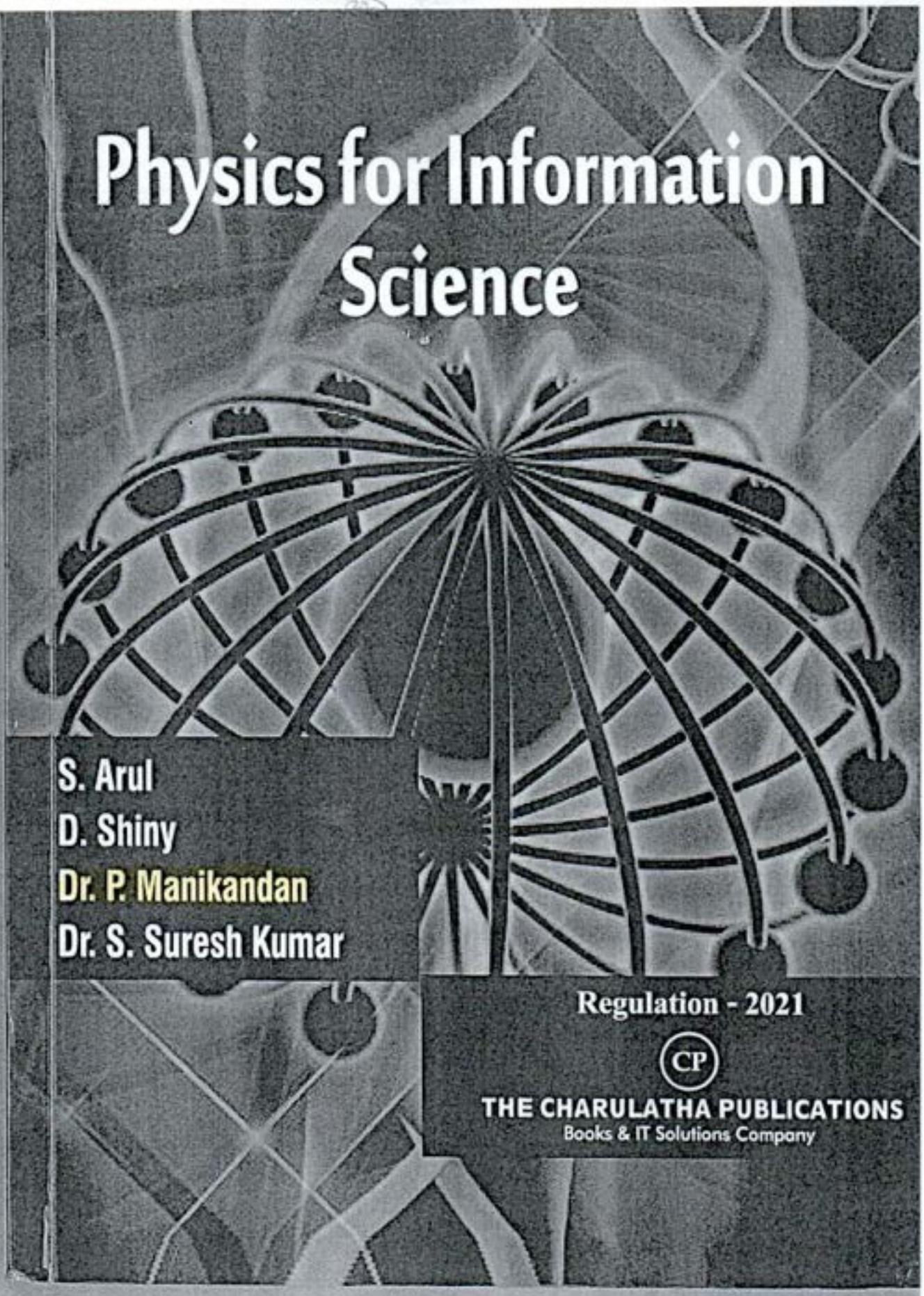

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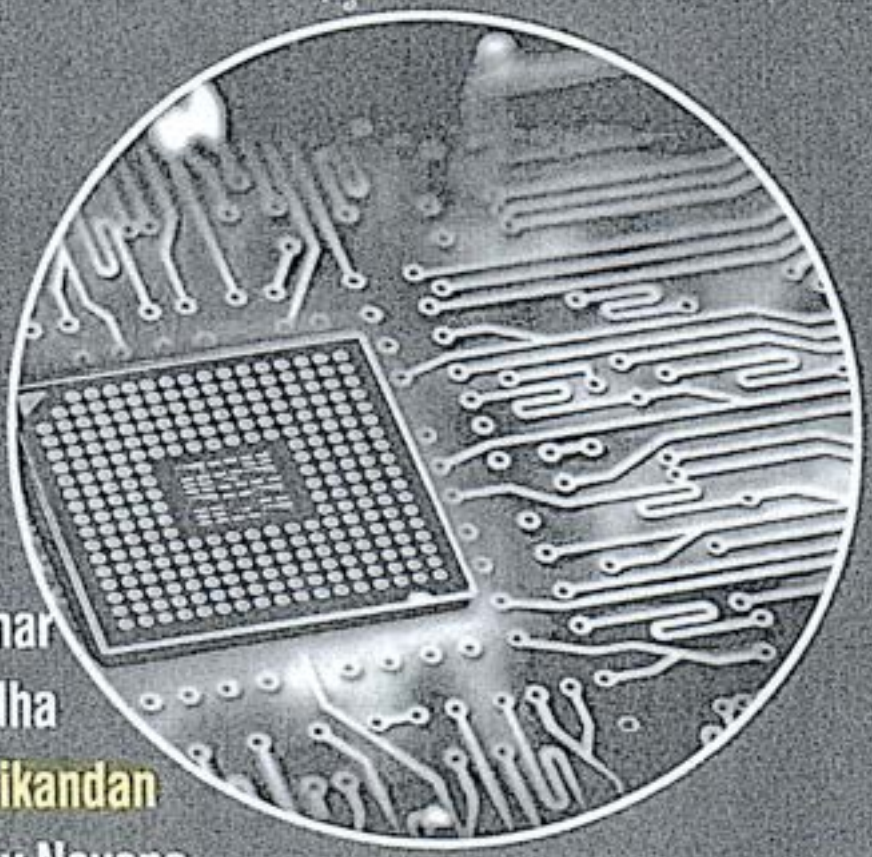

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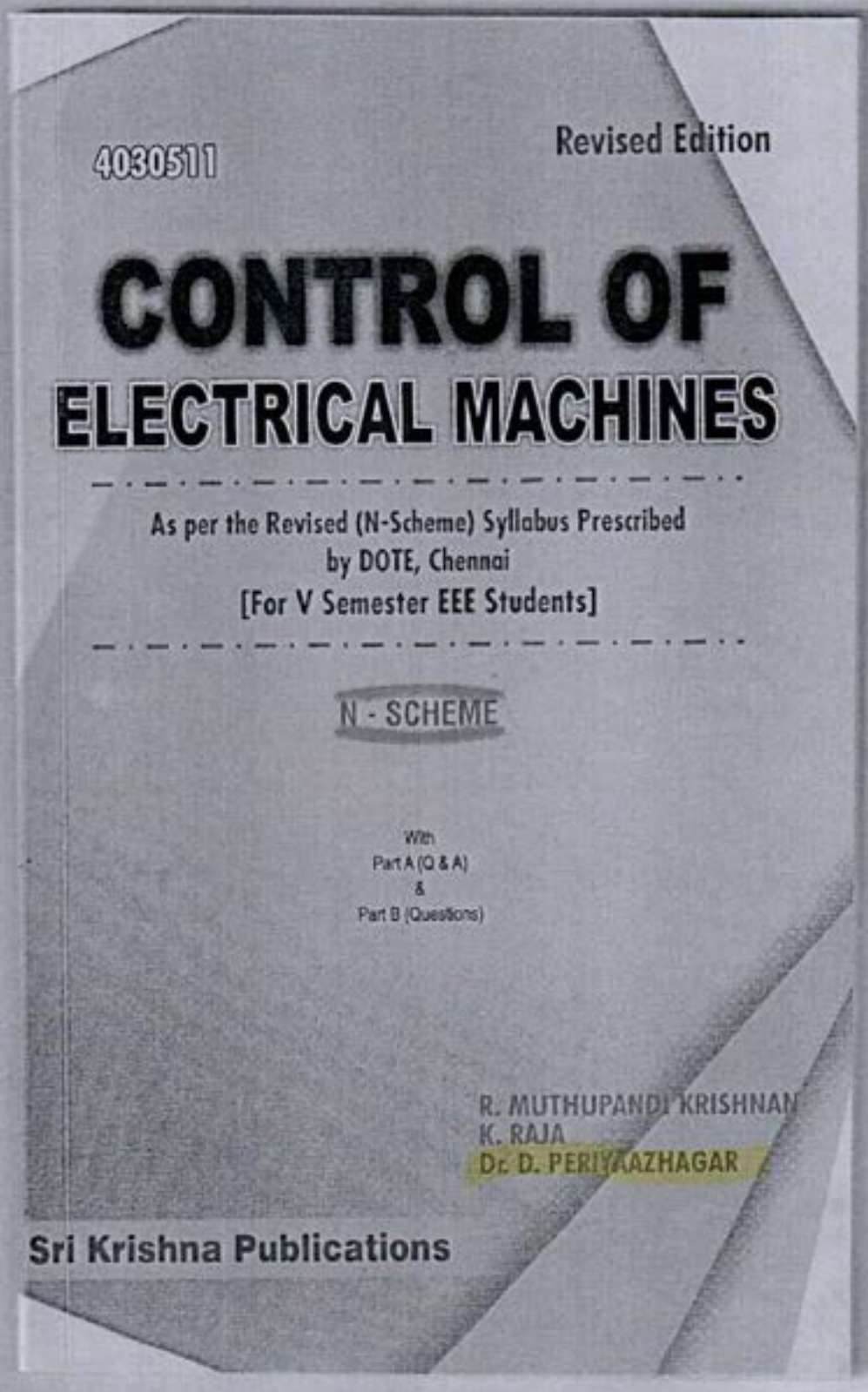
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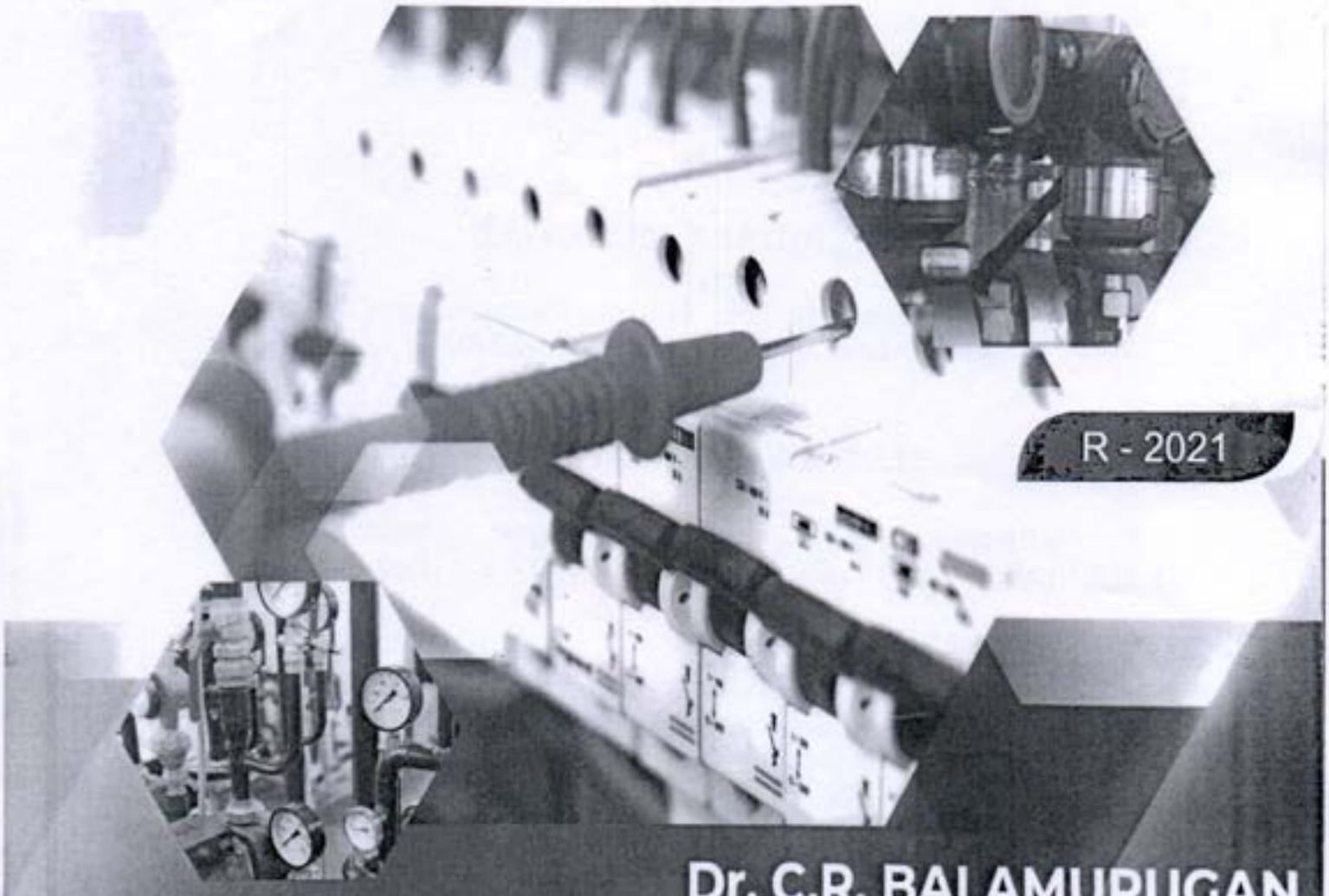

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ABSTRACT

Public cloud and private cloud domains combine together to form a platform known as hybrid cloud, which provides deployment methods to carry out various applications in different dimensions. In public hybrid cloud environments, many companies are facing issues in handling access control operations in shared infrastructures. Also, it lets the companies to choose where to place the loads to embrace audit and compliance policies. According to the recently conducted studies, hybrid cloud is vulnerable to malicious attacks and breaching of privacy. The main issues faced by the hybrid cloud are minimal security controls and risk management. This hybrid storage service has opened up scope for progress in the organizational development. The other limitations encountered could be accountability of shared responsibilities between both the stakeholders, internally and externally. With respect to these issues, this chapter aims at highlighting the privacy and compliance methodologies that are primarily necessary for efficient functioning of hybrid cloud storage. As a functional discipline, this chapter aims to bring out advanced privacy and security models for hybrid cloud models with state-of-the-art techniques.

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Meganathan Padmanaban ; Sasi Chinnathambi ; Pugazhendiran Parthasarathy ; Nammalvar Pachaivan... All Authors

Abstract:

The solar photovoltaic system is extensively increased in grid integration as an alternative power generation due to its benefits. But still, the power grid withstands a notable challenge as overloading during the high penetration of photovoltaic power. These issues concern and give way out for an active power regulation by controlling the maximal photovoltaic power to the limited level. In this paper, a simple way of power-limiting control is proposed along with the maximal power point tracking for active power limit to the main grid. Howsoever, the proposed and conventional system is chosen with and without the active power control for the solar photovoltaic systems respectively. The performance of the proposed hybrid controller i.e maximum power point tracking controller along with power-limiting controller has been evaluated using MATLAB/Simulink environment. The Meta-heuristic beetle antenna search algorithm is employed for maximum power tracking with an active power controller. The control scheme provides the smooth operation between the maximum power tracking and power-limiting during fast varying irradiation conditions; also it has exposed the better performance of the proposed system than the conventional system. The trapezoidal profile simulation result differentiates the superior achievements of the hybrid controller and the illustration validates the ability of active power limit of the proposed system during the high power penetrations to the grid.

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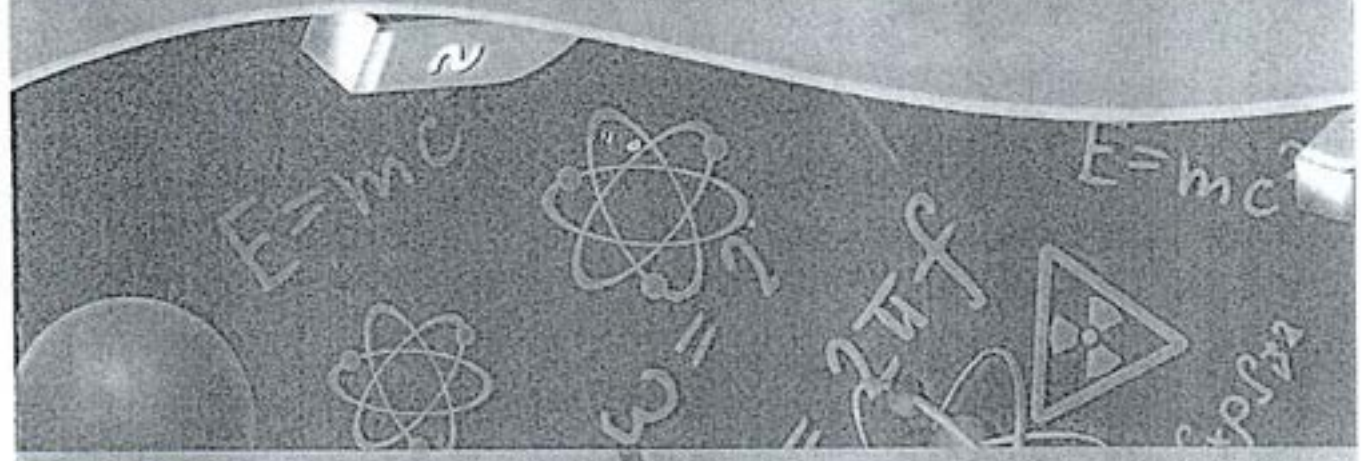

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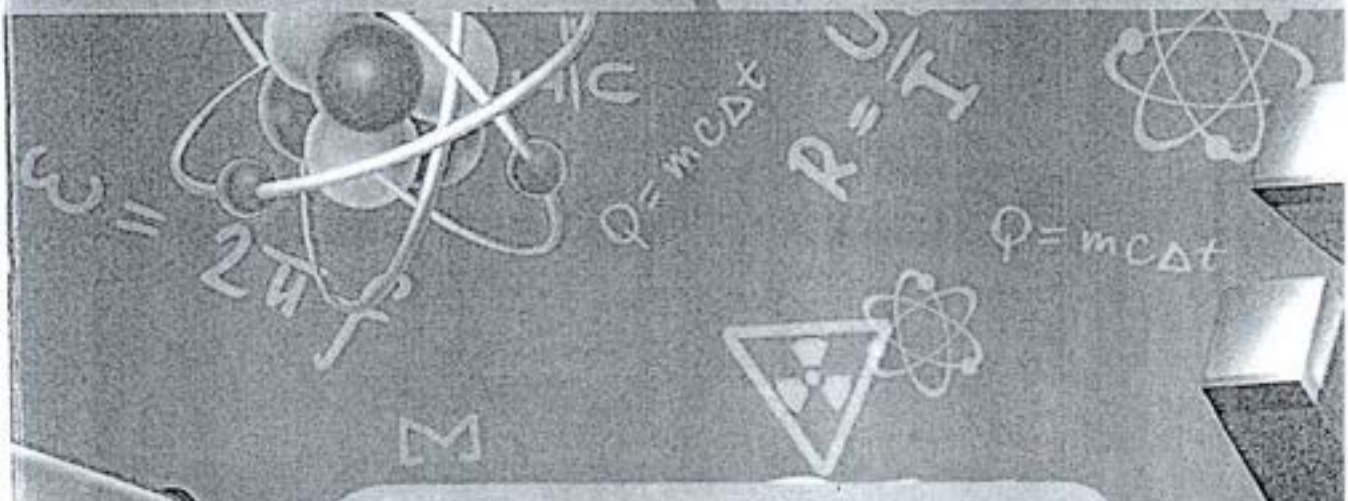

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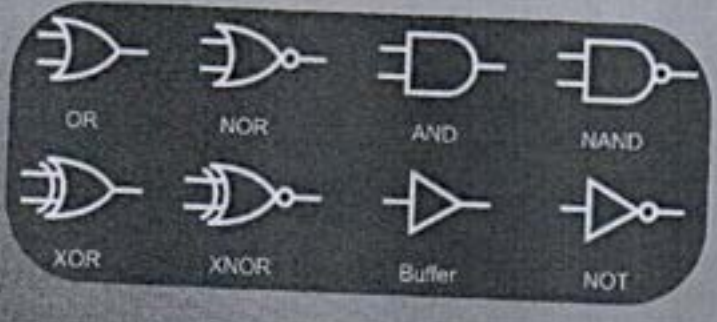

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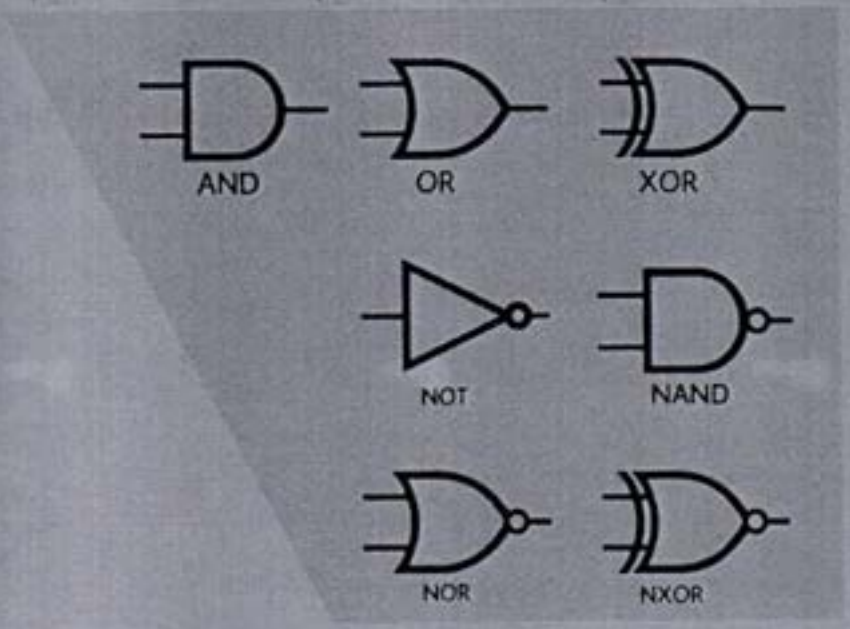

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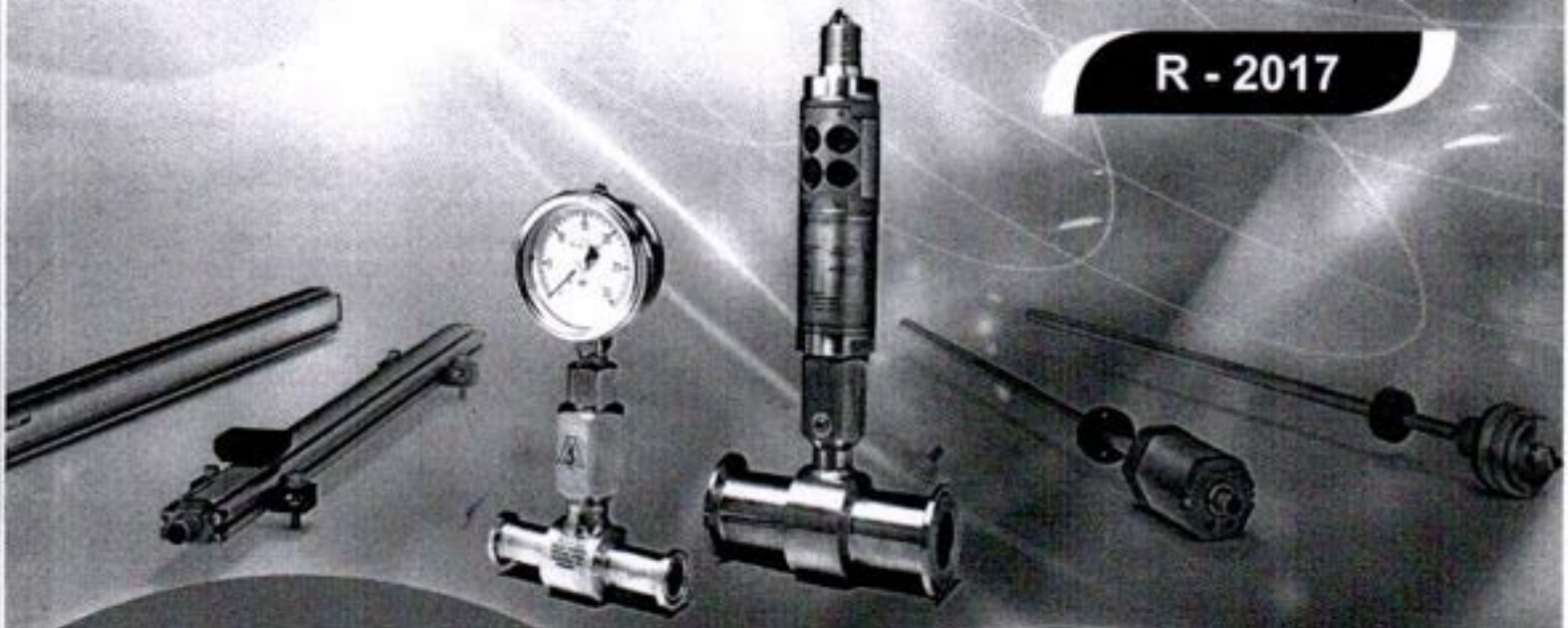

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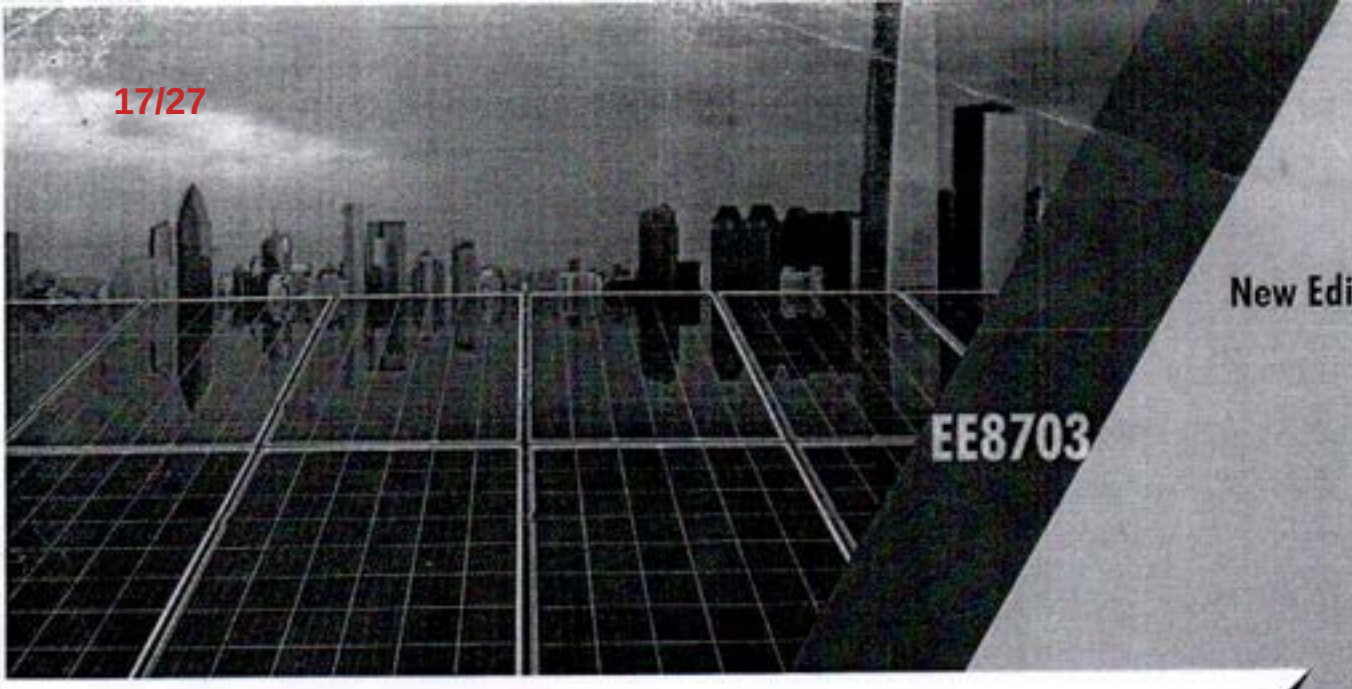

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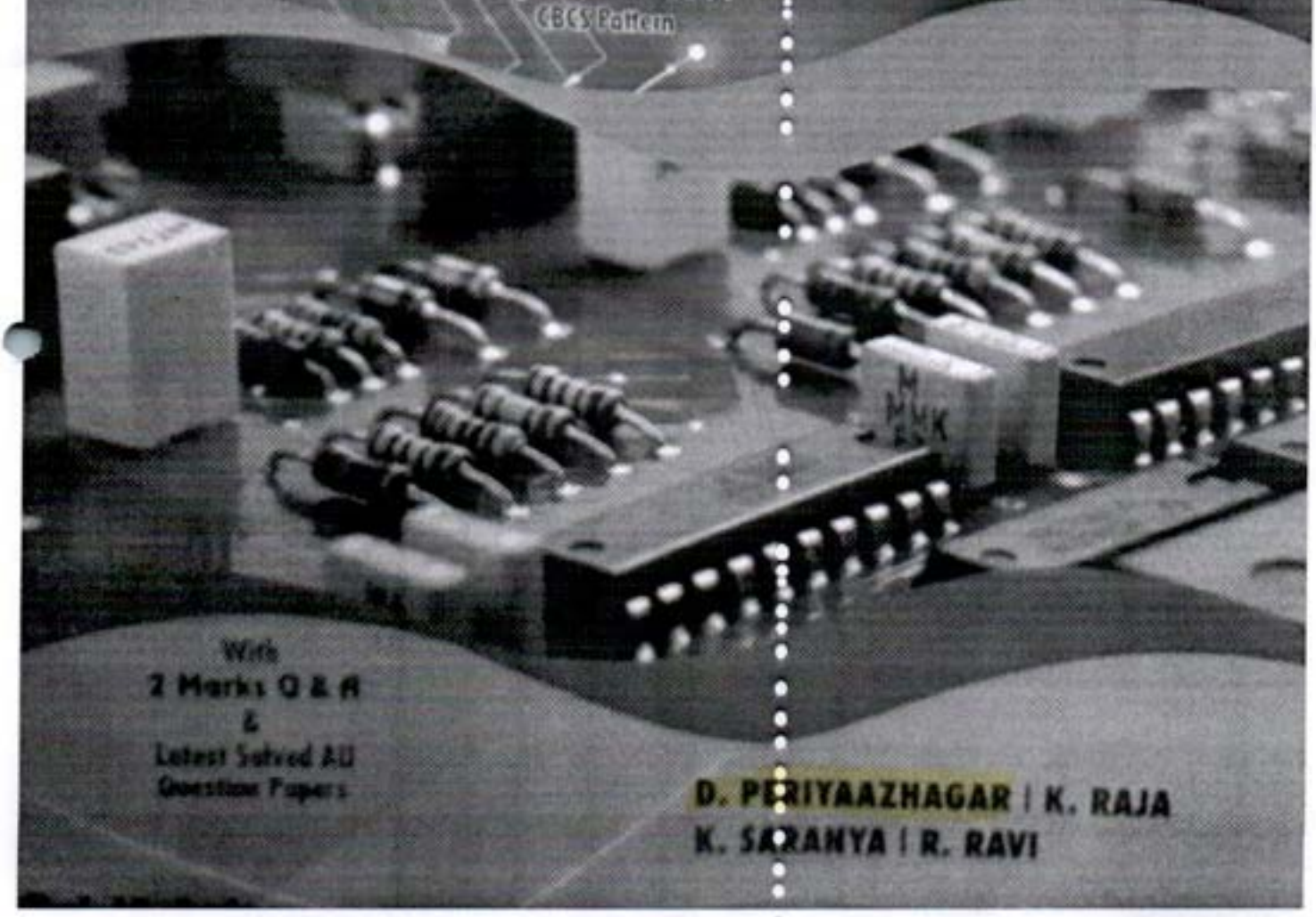

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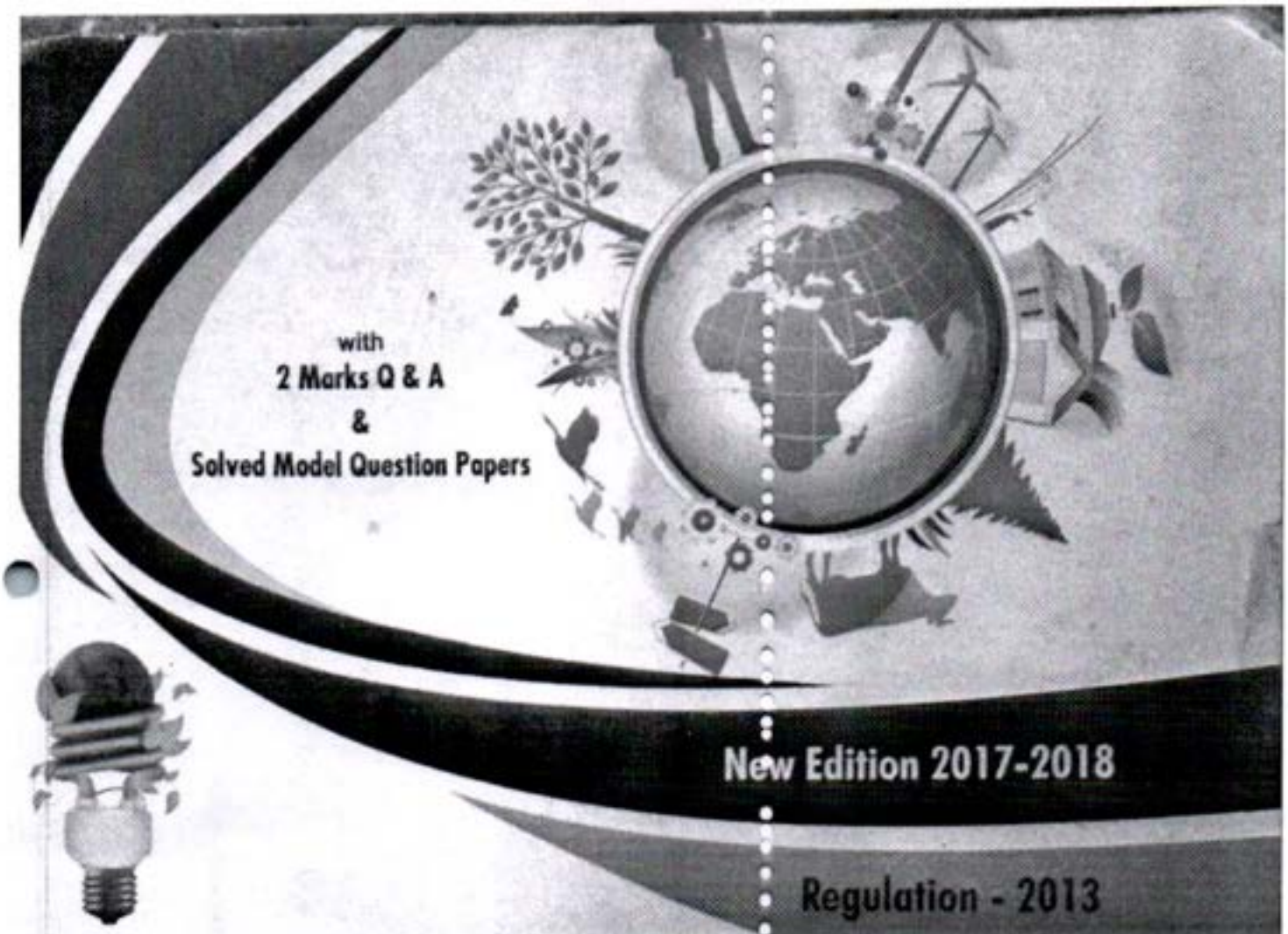

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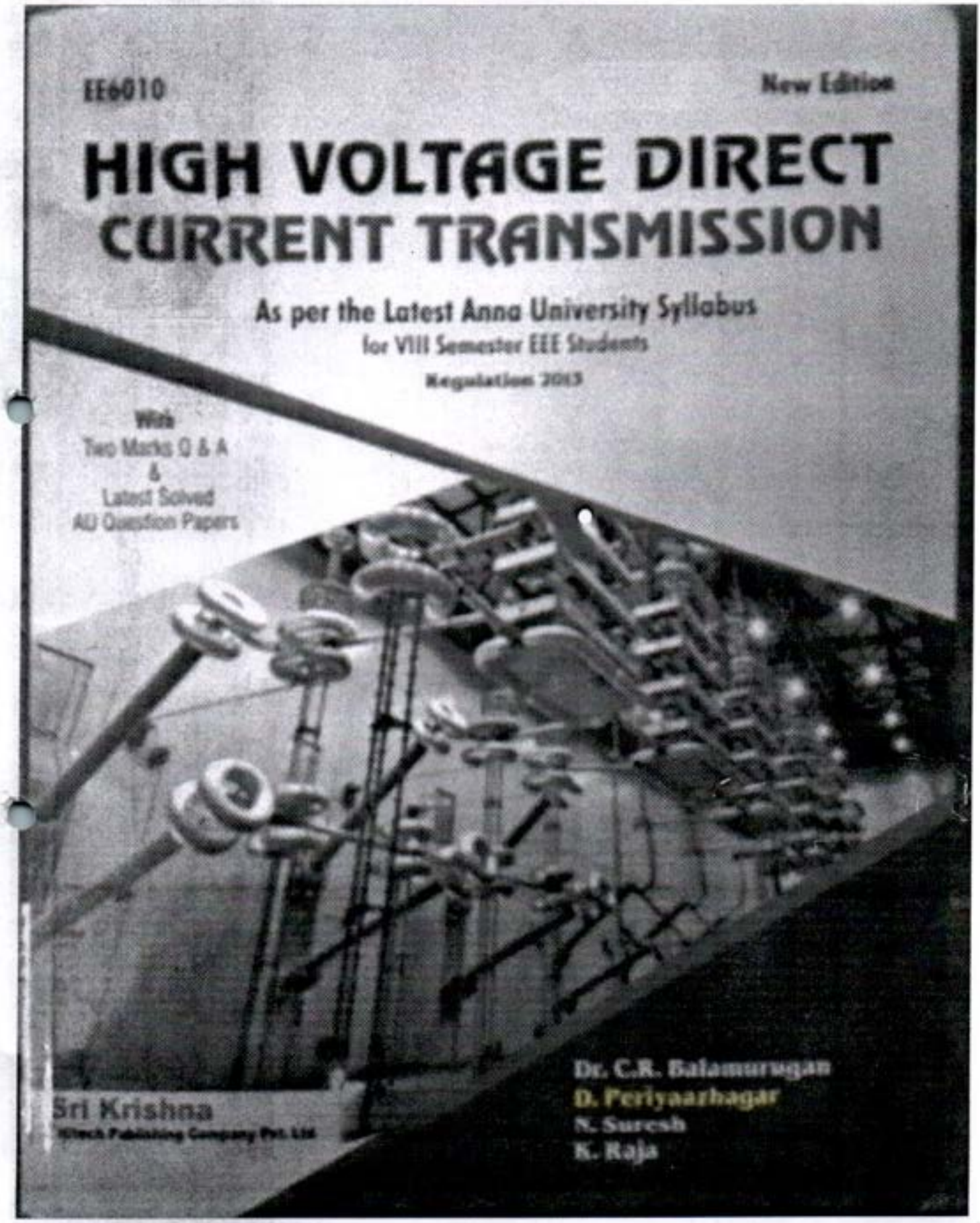
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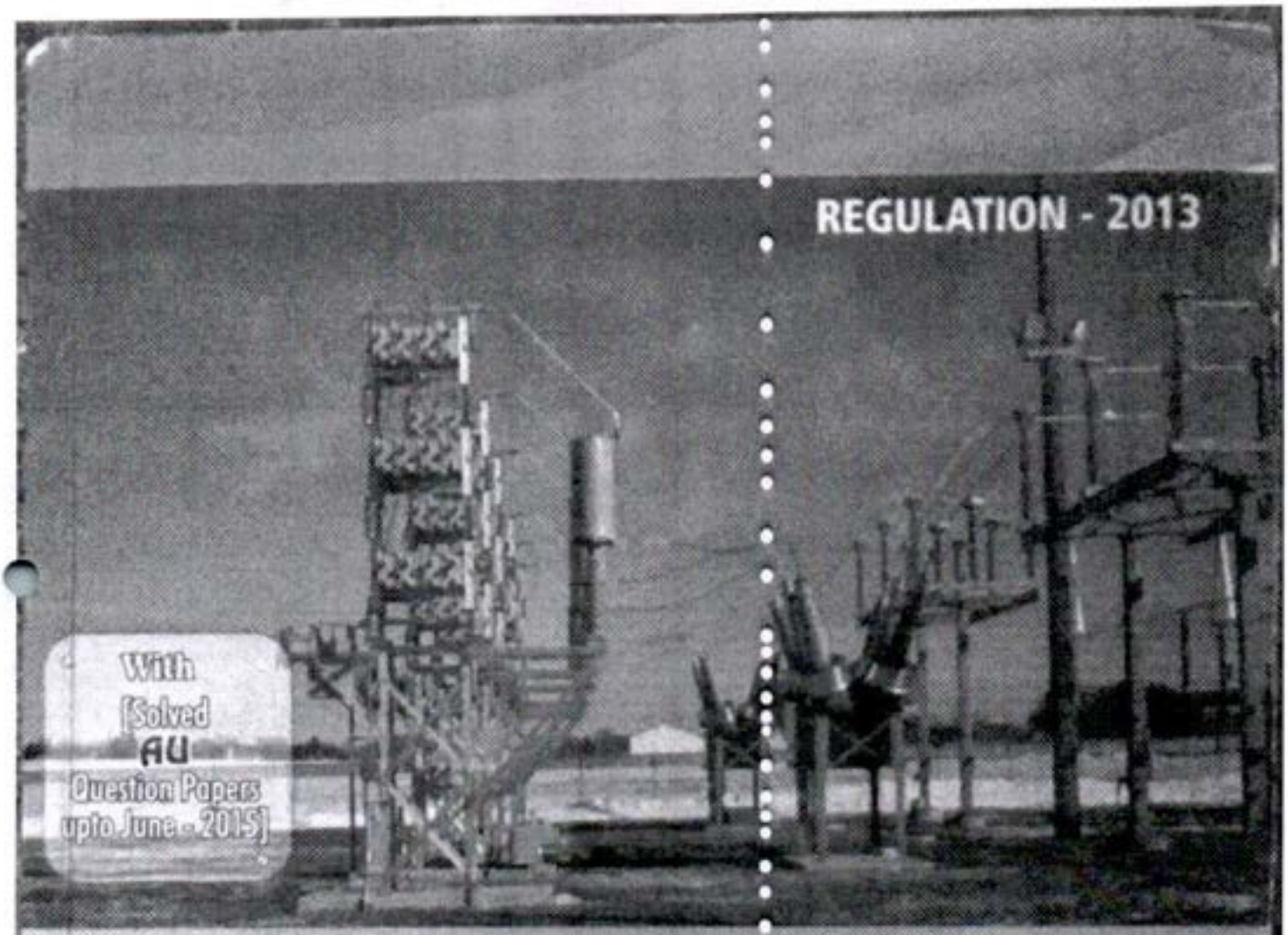

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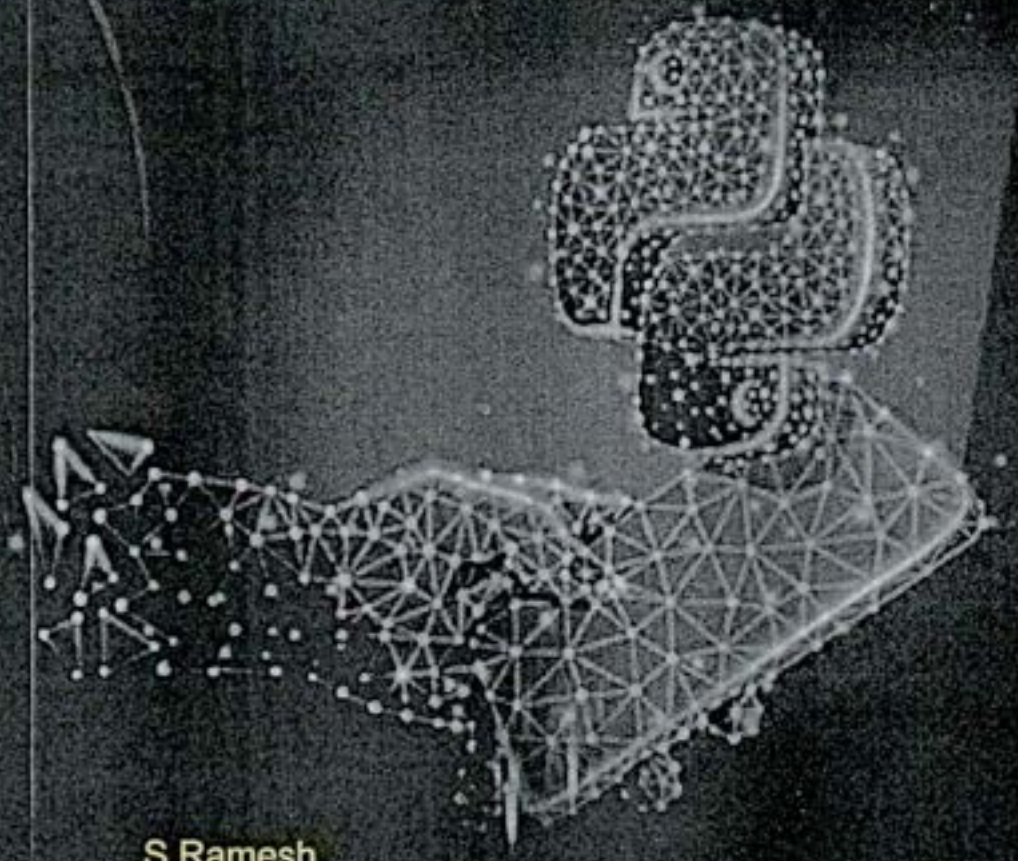

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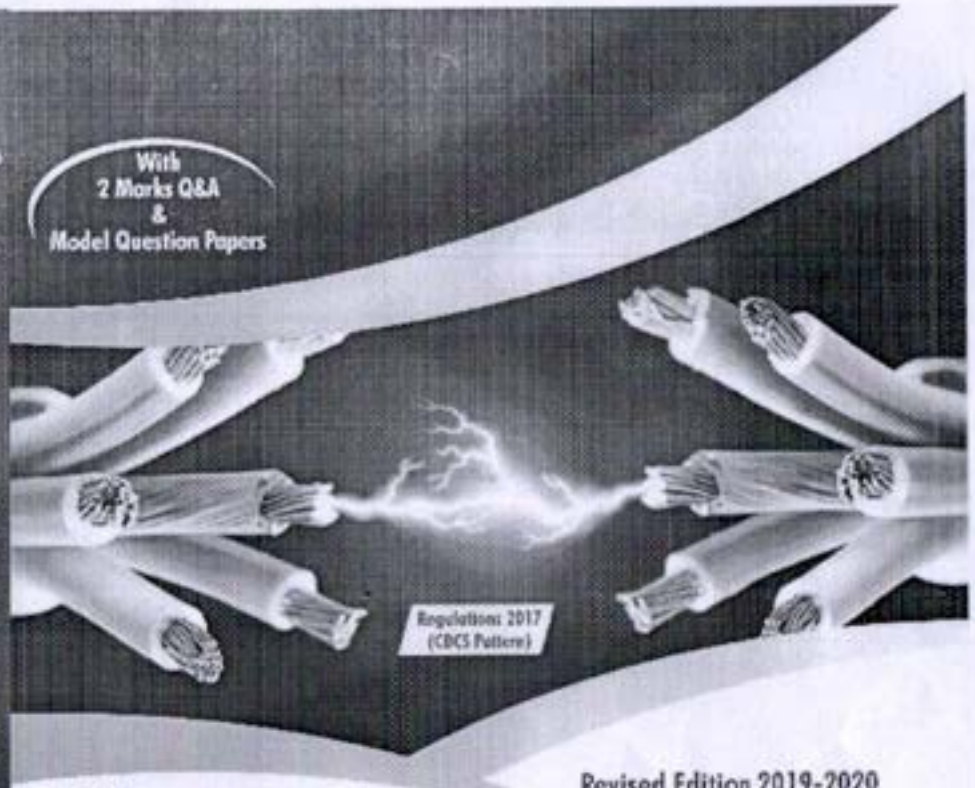
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As per the Latest Anna University Syllabus
For VI Semester EEE Students

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D. Periyazhagar
K. Raja
K. Saranya

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New Edition

EE8004

MODERN POWER CONVERTERS

As per the Latest Anna University Syllabus

(For VI Semester EEE Students)

Regulation 2017

(CBCS Pattern)

With
Two Marks Q & A
&
Model Question Paper

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Abstract

The Myth of distributing multimedia content came to reality with the emancipation of Wireless Multimedia Sensor Networks (WMSNs). The proper management is needed to avoid the excessive packet drop during transmission of multimedia data over WMSNs. Existing QoS does not lead to increase in sensor nodes and volume of data in wireless sensor networks. This paper proposes to emphasis the QoS in WMSNs inspite of insubstantial flimsy Error Concealment (EC) scheme. The sustainable quality for retaining the receiving ends is the prime core for the Quality of Experience (QoE). The proposed key objectives of the edifice are to reduce the effects of leaped video packets and to maximize its network. The variable Quantization Parameters (QPs) are used to control the data rate at the multimedia sensor with Scalable High-efficiency Video Coding (SHVC). The real-time video transmission is exploited by the multipath routing. Experimental outcome reveals that the proposed edifice able to proficiently regulate network distortions under large volumes of video data and produce better objective measurements for lost video frames.

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