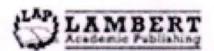
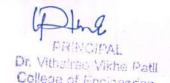


Nikanih Deshpande

Iris Recognition System

An Approach based on Log-Gabor Filter





Nilkanth Deshpande

Iris Recognition System

An Approach based on Log-Gabor Filter

FOR MITHOR USE OF THE

LAP LAMBERT Academic Publishing

PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Imprint

Any brand names and product names mentioned in this book are subject to trademark, brand or patent protection and are trademarks or registered trademarks of their respective holders. The use of brand names, product names, common names, trade names, product descriptions etc. even without a particular marking in this work is in no way to be construed to mean that such names may be regarded as unrestricted in respect of trademark and brand protection legislation and could thus be used by anyone.

Cover image: www.ingimage.com

Publisher:

LAP LAMBERT Academic Publishing

is a trademark of

International Book Market Service Ltd., member of OmniScriptum Publishing

17 Meldrum Street, Beau Bassin 71504, Mauritius.

Printed at: see last page ISBN: 978-620-2-56474-8

Copyright © Nilkanth Deshpande

Copyright © 2020 International Book Market Service Ltd., member of

OmniScriptum Publishing Group

PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering

Contents

List	of Abbreviations	2
List of Figures		3
List	of Graphs	5
List	of Tables	6
1.	INTRODUCTION	9
	1.1. Introduction	9
	1.2. Need	9
	1.3 Objective	14
	1.3. Theme	15
	1.5 Organization	16
2.	LITERATURE SURVEY	17
	2.1. History	17
	1.5 Organization LITERATURE SURVEY 2.1. History 2.2. Pioneer of the System 2.3. Iris Structure	18
	2.3. Iris Structure	19
	2.4. Iris as Better Security System	21
3.	SYSTEM DEVELOPMENT	37
	3.1. Image Acquisition	38
	3.2 Image Preprocessing	38
	3.3. Iris Localization	38
	3.4. Image Normalization	42
	3.5. Feature Extraction and Coding	44
	3.6. Feature Vector and Binary code Generation	51
	3.7 Matching	51
	3.8 Flow Charts of Different Modules	52
	3.9 Graphical User Interface	53

PRINCIPAL.

Dr. Vithalrap Vithe Petil College of Engineering Ahmednagar