List of Tables

2.1	Performance measures of various retinal blood vessel segmentation ap-
	proaches based on DRIVE database
2.2	Performance measures of various retinal blood vessel segmentation ap-
	proaches based on STARE database
2.3	Equation used for different similarity measure
3.1	Comparison of Vessel segmentation results on the DRIVE database 57
3.2	Comparison of Vessel segmentation results on the STARE database 60
4.1	SNR of 20 retina image generated from Method-1,2 to justify the pre-
	processing module of proposed approach
4.2	Various Statistical Measures to justify the skewness of 20 retina image 81
4.3	Quantitative performance measures of 20 images taken from DRIVE database 82
4.4	Comparative Analysis of proposed approach for DRIVE database 82
4.5	Quantitative performance measures of 20 images taken from STARE database 83
4.6	Comparative Analysis of proposed approach for STARE Database 83
5.1	Normalized Cross Co-relation Coefficient (NCC) and Computation time
	of segmented retinal image registration approach based on SURF, Harris-
	PIIFD feature and proposed registration approach based on BRISK feature. 106