



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_29634
Title of the Manuscript:	IRIS TEXTURE ANALYSIS FOR ETHNICITY CLASSIFICATION USING SELF-ORGANIZING FEATURE MAPS
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The paper presents an application of Self Organizing Networks and Principle Component Analysis for ethnicity prediction using Iris images. The paper uses the basic research methodology, as it employs three benchmarks for iris detection and the ground truth is provided. As the authors already published a paper containing the results for PCA only, and in the aim of validating their new results, it will be interesting to provide comparisons. Also, as there are published papers in the same area, a common ground for those comparisons is required, as the same features for training and validation could be used. There is no much to say about the paper as that it doesn't bring any scientific novelty, being only a student level application.	Yes, on published paper, in same area, we reviewed all those who worked on ethnicity classification using iris such as Qui, Sun & Tan (2007a) that used SVM to classify Asian / Caucasian iris with 91% accuracy on 1200 images Qui, Sun & Tan (2007b) used K-means algorithm on 400 Asian & Non-



SDI Review Form 1.6

		Asian images & got 95%. Here, we used SDFM classifier & got 93.75% because possibly because of CIRIS, a dark-eye set with characteristic poor eye contrast. A table of related works has been provided in the revised paper. Version: 1.6 (07-06-2013)
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		