PALMPRINT ARCHITECTURE AND FUNCTIONS

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PREFACE

In the past decades India and other abroad country were suffered for security of deeds (a Legal Documents), Bequest etc, But in hybrid environment of computer science and engineering, Palmprint authentication technique is very powerful security tool as compare with other tools, because palm has a number of features comparable to others like finger print detection, iris detection and it is also very friendly with the user and environment. Palm is the mainly inner part of the hand which shows different features as compare with other in this it technique it mainly provide the path to authenticate the user or modify the user.

In addition, there are so many techniques and tools are functionally working either commercially or domestic environment but some of them are not providing pull proof results as per user requirement. Similar some of them not complied with fixed time duration. In Current decades time management is a very important factor for industry and academia both. Mostly many researcher have been try to developed time reduce techniques and tools but have need to improve them. Actually functions technique is very important for time management based mathematical compile technology by which compilation time can be reduced. In this technique we used automatic built function with the help of integrated mathematics and relational algebra. Relational algebra maintained feature vectors of palm by around the boundary and set the reference points for boundary detection.

As we know that analysis and algorithm design is the initial part of computer programming but due to high level analysis performance provide reliability in

algorithm design and programming phase. Algorithm design is the second phase of mathematical concept so in this concept we use phase based matching algorithm used with Fourier functions and if in this problems will occur then it reduce by using of 2D Fourier Transform technique with additional concept of Integration functions. Actually integration function defined extraction of palm boundary in two ways:

(i) Definite integration function

(ii) Indefinite integration function

Definite integration function is defined with limited area or bounded area with upper and lower limits as$\int_b^a (fx)dx$ where$a \succ b$. Definite functions show all inner boundary limit of extracted feature of palm during the compilation.

These techniques extract the features of the palm to modify it and there are so many features for extraction. In this we authenticate the user with applying some of the transformation concept where when we extract the feature vector then it will not give the accurate result. That's why we using this transformation technique in this which is very useful for the user.

✍ *Author(s)*

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✍ *Author(s)*

DEDICATED TO OUR
BELOVED FAMILY MEMBERS
AND TO OUR FRIENDS

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