Abstract

Dental Biometrics has emerged as vital bio-metric information of human being on account of its stability and invariant nature and of course uniqueness. The presented work shows the dental unique feature set that may be used for claiming of the human personal identity using dental radiograph (x-ray graph). The complete jaw is divided into four parts: left and right upper jaws, left and right lower jaws. Unique feature set includes number of teeth in each portion, maximum and minimum size in each portion, area and perimeter of each tooth in each portion and information regarding missing teeth in any of the portion. Later on, a database of features along with person under scanner profile is maintained for retrieval purposes.

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Index Terms

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Keywords