ENVISAGING TORSO AND FOOT FEATURES OF HUMAN BODY USING TOPINARD'S CANON SYSTEM

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ABSTRACT

Human body is composed of two arms, two legs, head, neck and torso. The organs are proportional in nature. In this paper, an attempt is made to anticipate the features of torso and leg of human body. Geometric features of the torso, leg and foot from 75 female and 78 male subjects were extracted. Topinard's Canon System is used to predict various features like throat to navel length, navel to knee top, knee length, beneath of knee to ankle, ankle to floor, navel to floor, hip to floor, body width near elbow, waist width, thigh width, knee width calf width, ankle width and shoulder width using only height of a person. Most of the features are estimated with an accuracy of more than 90%.

KEYWORDS: Human Body, Mean Absolute Error (MAE), Torso and Foot Features