UNIVERSITI TEKNOLOGI MARA

DIFFERENCES OF HUMAN FOOT PRINT MEN AND WOMEN

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(2014328531)

Thesis submitted in fulfillment
of the requirements for the degree of
Bachelor in Surveying Science and Geomatics
(Honours)

Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA, Perlis

Jan 2019

AUTHOR'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

Close range photogrammetry (CRP) in Malaysia is not used primarily in medicine for the time being. CRP is rarely used in today's medical field, especially in analysing problems related to foot problems such as size, foot pressure, foot curve and others (Aurichio, Rebelatto, & Castro, 2011). In addition, it is also less of a concern among doctors in identifying problems with the foot. They are more likely to use the old method than the technology available. The research aim is to make analysis human foot student UiTM Perlis with different gender males and females. It specifically studies on UiTM Perlis because this place has a large number of students as well as different genders to carry out this study. The data is based on data collected manually by using device that the sample had 30 person (15 men, 15 women) same ages. All of them were student that study at this university. The data was analysed to generated three dimensional model and identified the characteristics by measured based on foot dimensional chosen. The research suggested that successful found the differences of human foot print men's and women are based on this study. The result of the study also suggested used for doctor to do the analysing the pattern of feet and became easy to measure without touch their feet. It is also easier to make analyse and detect of foot disease from many background patient. It is hope that the study can contribute to citizen who selected for the election of members of the uniformed bodies such as police, soldier and others.

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