

4. Conclusion

In this paper, we introduced a Body Sizing System for 21st century (BoSS-21), an automatic system to provide anthropometric measures of an adult individual. We also proposed a framework to generate a 3D surface model of human being. Our approach takes anthropometric data as constrains in the process to build 3D surface human model. Therefore the model built is more anthropocentrically accurate comparing to the real human subject.

Acknowledgement

The work on the development of framework to build a 3D surface human model using anthropometric constrains has been partially supported by the Industrial Research assistance Program (IRAP), the National Research Council of Canada (NRC). IRAP project #742585.

References

1. ISO 7250 International Standard: Basic human body measurements for technical design, 1996