Abstract

It is important to produce 3D cloths for different body sizes from 2D patterns of any size. Moreover, classical patterns in old books and magazines are available only in hardcopy forms.
Thus it is imperative to produce softcopies of those patterns in old books and magazines. Solutions for these two issues are provided in this research work. First automating the design of customized apparel products from pattern images is provided which can greatly improves the efficiency of cloth production in the apparel industry. Second generating different sizes patterns from a given pattern size. This greatly facilitate the generation of pattern design in the apparel industry.

References

- Accessed Nov. 2011].
- MATLAB. http://www.mathworks.com,
- Accessed Nov. 2011].
Vision Conference, 147-152.

**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Garment industry  
3D clothes  
Cloth modeling