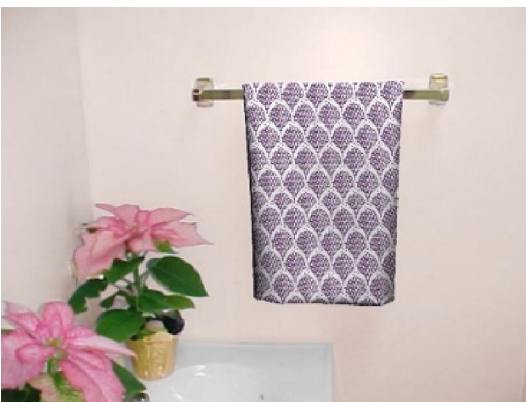


Atrezzo 3D program and its role in enriching the textile industry (Article)Prof. Dr. Adel Gamal El-Dein El-Hendawy and Dr. Nancy Abdel Maboat El-Sawy²¹Professor of clothing and textiles Home Economics Department, Faculty of Specific Education, Tanta University²Lecture of clothing and textiles Home Economics Department, Faculty of Specific Education - Tanta University
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Abstract: Textile and design companies are facing new challenges, Seeking to be the best, to give a more response to the customers, to reduce expenses, to be more capable to react to changes in the market. Penelope CAD Systems has developed an independent but complementary software this allows the exportation of the fabrics and the visualization in a final product. The high quality of the simulations and the facility of creating presentations reduce the cost of samples, economize the time to response to the clients and helps the commercial department in an exponential way.

[Adel Gamal El-Dein El-Hendawy and Nancy Abdel Maboat El-Sawy. **Atrezzo 3D program and its role in enriching the textile industry.** *Nat Sci* 2017;15(7):137-138]. ISSN 1545-0740 (print); ISSN 2375-7167 (online). <http://www.sciencepub.net/nature>. 20. doi:[10.7537/marsnsj150717.20](https://doi.org/10.7537/marsnsj150717.20).

Keywords: Textile; design company; new challenge; Seeking; response; customers; expense; Market; Penelope; CAD System; software; product; quality



Textile and design companies are facing new challenges, Seeking to be the best, to give a more response to the customers, to reduce expenses, to be more capable to react to changes in the market.

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Atrezzo 3D program is a virtual mapping software that allows the user to apply the textile designs on real images, visualizing how the fabrics will be in a possible product application, such as a suit, curtains, sofas, Atrezzo 3D is very useful in the creation, because it allows the study of coordinated fabrics and color ways, It is the ideal complement for sales performances in which the buyers can visualize the fabrics on a final product facilitating decisions.

Atrezzo 3D provides all the necessary design tools so that the designers can take the maximum advantage of their creative skills.

Among these tools, we provide the following;

- Repeat images in printing graphicformatstiff/jpeg/bmp/png.
- Repeat fabrics send from Penelope.
- Combination of diverse fabrics in the same image.
- Add colors.
- Possibility of placing logos.
- Fabric transformation in size or rotation.
- Real size of the areas and grids.
- Exportation of the simulation for each of the compositions.

References

1. Baidu. <http://www.baidu.com>. 2017.
2. Google. <http://www.google.com>. 2017.
3. National Center for Biotechnology Information, U.S. National Library of Medicine. <http://www.ncbi.nlm.nih.gov/pubmed>. 2017.
4. Wikipedia. The free encyclopedia. <http://en.wikipedia.org>. 2017.
5. Marsland Press. <http://www.sciencepub.net>. 2017.

7/25/2017