

Corel Painter Software as a Platform for the Production of Plastic Art paintings

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Abstract

Objectives: The study aims to:

1. Identify the technical possibilities offered by Corel Painter software for the visual artist in the production of paintings
2. Identify the most important technical processing features in Corel Painter software
3. Identify the aspects of artistic creativity implemented in Corel Painter software environment paintings.
4. Conducting an analytical & critical study for the artist works resulted from using Corel Painter program.

Research hypotheses: The current research assumed that there is a significant relationship (zero or positive) between the use of Corel Painter software environment and paintings outputs for the artist using the program in the field of digital art.

The research sample: The study was conducted on the Corel Painter program and the paintings that are the outputs of using this program as an illustration of the role to play in providing a platform for digital graphic simulating the traditional drawing

Results: The current research found that there is a significant relationship (zero or positive) between the use of Corel Painter software environment and paintings outputs for the artist using the program in the field of digital art. also the research found that the disadvantages of digital art is that it often lacks the depth and texture, but that Corel painter program has dozens of drawing surfaces, and more to help in achieving more realistic results, Finally, the research concluded that Corel Painter is a program that is looking for a traditional artist to move into the world of digital painting, which allows the production of paintings the influence of graffiti, oil and watercolor and others enjoyed by the program

Keywords: Corel Painter- Plastic Art- Digital Art

1. Introduction

If we look at the history of fine arts since ancient times and even, most recently, we will find it is no longer on a single frequency, as there were varied arts of different civilizations, where the surrounding factors always impact on those arts. And It was the technological revolution in recent time that has a significant impact on artistic creativity whether it be in terms of addressing issues or in terms of raw materials and multimedia, which embodies its artist creativity, and even that technology contributed in the synthesis of new materials, the artist, did not know before, The **plastic art** considered the fastest way for technical registration of any idea and show visible once the pencil or any pen passed on paper, and then develop that idea into a range of paintings and various studies have even access to examine each component of the idea that will turn later to integrated artwork. It should be referred that **plastic art** correlative to a large extent with the photography studio, but at the same time a separate area of the multiple artistic expression, and the type of the correlation is that the initial preparatory drawings (Sketches) for the plate photography studio is **plastic art** itself, **and that plastic art** is an independent field in terms of General appearance for the completed artwork, which is clearly less in a Color function, the focus is on highlighting the darks and Light colors and usually, or a little more their degrees (Tones) of one color, there are other techniques can be employed in the **plastic art** such as scattered and dense pointillism gatherings, , and the many possibilities of lines of all kinds in the divergent or convergent forms, intersecting or overlapping, thick or thin, and all these create a variety of textures surfaces that characterize the **plastic art** than the rest of the other **artistic** fields, and these techniques and others can be achieved by common raw materials and tools in the **plastic art** which all Pencils types and its varying grades between flexibility and rigidity, and charcoal pencils (charcoal), and various types of liquid inks that are used by the solid mineral Brush or brush with soft bristles, usually **plastic art** drawing is an outlet on paper of all types and on small and medium spaces. (Shenaifi, 2015)

At the beginning of the eighties, computer entered the field of fine arts, and it was used not to draw but formulates some commands to turn the computer to marking of lines and colors, and transformed to complex commands and primitive lines, specific colors, and the output is limited, but with the development and use of the finest techniques by the computer, digital drawing has become a strong contender for manual drawing in terms of accuracy and clarity of the features and multi-tonal and the potential overlap.

And even surpass the computerized drawing freehand drawing in speed and ease of lines and colors

changing, configurations (shapes), and became able to give 3D and depth.(Tohami, 2015)

Using the computer contributed as a tool for drawing, in the creation of a new style of painting is a quantum contemporary for the modern art, it has been replaced Brush by mouse and Digital Tablet and took a screen an alternative to painting, and used digital colors instead of the traditional colors, many of the pioneers and creators of traditional art moved in the world to the Digital drawing although it may be more difficult than the traditional drawing "because they were able to create infinite forms of paintings, in which combine artistic vision and imagination with computer high technical capacity to achieve together **artistic** gears in **artistic** work, that were not possible without the availability of this technology, and to pray to the stage of **artistic** Roaming has no limits only the artist's imagination

As the year 1964 witnessed the emergence of Sketchpad program, which is the first program for drawing in the computer environment, and helped later in the development of several programs in the digital drawing, such as Corel photo-paint program and Meta creation program, Painter 3D and also the Adobe Photoshop program and JASC'S Paint-Shop Pro.

It should be noted that the software helped Computer user to simulate the painting process through the computer screen, and use the mouse to simulate different sizes of painting brushes, a choice of colors or re-adjust contrast and color pictures, paintings and adding special effects.

With the development of forms of art in the 21st century, digital painting has Widely accepted as two-dimensional art form Comparable to important traditional painting, but this modern trend did not receive enough attention, despite the deployment Graphics Software on the digital drawing and popular of Art Gallery over the Web, which in turn displays works of famous Digital artists (Annum, 2014)

Aesthetic values in the artwork linked to technology through the medium used by the artist, because they are concerned with analyzing the specific nature of the intermediate material and its role in the formation of the artwork, the advancement of technology provided tools for the artist that make the material more willingly to his hand, as this era described as the era of science and technology era of research and discovery , the era of technical and scientific creativity, the technology formed creative character aesthetically. **Contemporary Plastic creation** trends based on the use of modern technology appeared in the field of art, as technology has become part of creative process, and a catalyst for creative value achieving stages of maturity, Technological innovative extensions drew their sources of cultural movement. And under information and communication revolution, the artist has become binding on be fluent in the use of creative procedural, intellectual and cultural tool, and to ensure his position within the map.

Every iconic former including the availability of his understanding of the terms of the creativity in parallel with the innovations of his time, so we can say that the **plastic art** technology in general is definitely not an industrial machinery technology, although harness this technology for the completion of some contemporary fine works, but the way the employment of this technology to achieve artistic creativity. (al-Najjar, 2015)

Also it devoted a prize for artistic creation, most notably a set towers of the Arts Award, which supports the arts in Dubai and the Middle East, that allowed works of Digital art to be documented in books or through an electronic medium. (Art Towers, 2015)

Harbash , B study (2003), demonstrated that the Web and programming packages allow creativity as substantially as it gives students the experience in dealing with modern technologies. (Harbach, 2003)

While Velimir Velez study (2004) focused on the rapid development of digital culture and the challenges they impose on human creativity, digital art and issues of creativity and improvisation, the study concluded that it should pay more attention to ways to promote positive creativity in various fields of application of information and communication technology, including art. (Velez, 2004)

A broader perspective has been adopted by Congcong Li (2009) who argues that digital paintings generally like human works of art can be classified as high quality or low quality. (Li and Chen, 2009)

Research problem:

The researcher noticed the absence of scientific studies and researches on the Arab level sufficient showing employ the use of Corel software for digital drawing to simulate the traditional and the production of paintings drawing process, prompting the researcher to turn to this study to identify the digital painting programs, especially Corel program showed the possibilities provided by the visual artist to simulate traditional painting process and its role in the creative process in the field of art, which, through two main

- First, conduct survey research of the phenomenon of using the Corel Painter software in the artistic creativity, in terms of description and explanation of the potential of the program
- The second axis is to discuss models of paintings outputs by Corel Painter software, and the critical analytical study of some of the paintings outputs use the program in terms of structural and aesthetic foundations. In order to evaluate the potential provided by the program for the visual artist as a platform to simulate the process of traditional painting and its impact on artistic and aesthetic value of the **plastic art** output

Research objectives:

1. Identify the technical possibilities offered by Corel Painter software for the visual artist in the production of paintings
2. Identify the most important technical processing features in Corel Painter software
3. Identify the aspects of artistic creativity implemented in Corel Painter software environment paintings.
4. Doing an analytical & critical study for the artist works resulted from using Corel Painter program.

Research hypotheses:

The current research is assumed that there is a significant relationship (zero or positive) between the use of Corel Painter software environment and paintings outputs for the artist using the program in the field of digital art.

Importance of research:

The current research helps on:

1. Rooting conceptual art digital painting as a platform to simulate the traditional drawing
2. Shed light on the role of digital painting programs in the production of paintings comparable to traditional painting.
3. Emphasize the importance of keeping up the artist with Technological innovations in the field of digital art and drawing tools supportive of Fine Art.
4. The importance of the study is that, it is the unprecedented and scientific study in dealing with Corel Painter software platform to simulate traditional painting and its role in the contemporary creative digital studio, to the scarcity of scientific research in the Arab library that deals with this topic.

Research limits:

The current research is limited to the study of the possibilities offered by Corel Painter software for the visual artist in the production of Fine paintings

Research Terms:

The associated terminologies with the subject of current research are the following Terms:

1. Plastic Art Creativity:

Merriam-Webster dictionary "creativity knows as new and useful ideas related to solving specific or assembly problems and re-installation of the known patterns of knowledge in unique forms. (Merriam-Webster, Creativity, 2015)

The researcher has adopted the procedural following definition: intended digital creativity: "generate new ideas and methods in the design, production and processing of fine artwork through digital systems

2. Digital Art:

Digital art is a broad term referring artworks that use digital technology as an essential part of the creative process, and since the seventies used different terms to describe this art, which based on computer art - the art of multimedia, but it is generally the use of technology in the production of art in the digital environment ". (Merriam-Webster, digital art, 2015)

The researcher has adopted the procedural following definition: "The use of digital technology in the production, design and processing artifacts Fine."

The research sample:

The study was conducted on the Corel Painter program and the paintings that are the outputs of using this program as an illustration of the role to play in providing a platform for digital graphic simulating the traditional drawing

Research methodology and tools:

Due to the nature and the requirements of the subject, the study has been relying on the analytical descriptive approach as a basic methodology with the intent to obtain sufficient data and information that can be used to study the phenomenon

The study tools were laptop device, digital camera and Corel Painter software for digital painting, which offers Virtual Materials to implement the process of painting, where the digital painting program works to simulate the painting process through the computer screen, in a manner similar to conventional studio where the artist needs to use traditional materials (Coloring Dyes - and Utilities) to carry out artistic work.

It should be noted that Corel Painter offers a wide range of materials and tools for Fine artists, like the conical picture, pens patterns, distortion, as well as various artistic tools that allow for beginners using applications and amendments to the pictures.

Results and discussion:

Corel Painter software contains the precipitant wonderful brushes, which enables artist to design their paintings subtly, as the program is very light and saving of resources, and works just like a brush in Photoshop with similar support to the sensitivity of the pressure on the painting.

The Corel Painter software matches the drawing properties of conventional Tools such as oil, Crayons and charcoal pencils. in additions to that , Corel Painter software provides user with virtual platform through which the painter use drawing brushes tools and coloring, which is considered a Virtual Pigments . (zyzoom,

2015)

Tools and possibilities offered by the Corel Painter software

Variety drawing Brushes

Corel Painter brushes make it a powerful tool for digital drawing exceptionally many drawing brushes matches natural mimic, such as pastels, oils and ink, Jawash, watercolors, and acrylics.

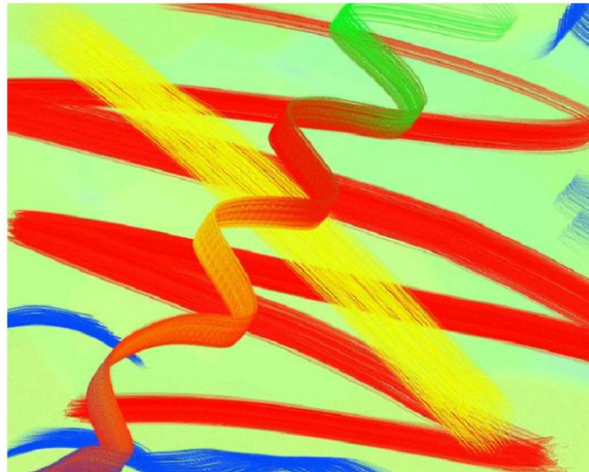


Image (1) Models of different types of brush density patterns using a Wacom Technique Custom brushes for favorite drawing platform

Another option makes Corel Painter a powerful tool is the ability to create plates for the favorite painting brushes, for example, when you find that you want to brush, simply drag the brush where you can, store all of your favorite brushes icons. It allows you to quickly access the brush, holding down the Shift key, you can drag icons to a new location in the panel dedicated to the organization, or withdrawn from the area to remove them. If you customize brush settings, you can program Corel Painter also to save custom settings.

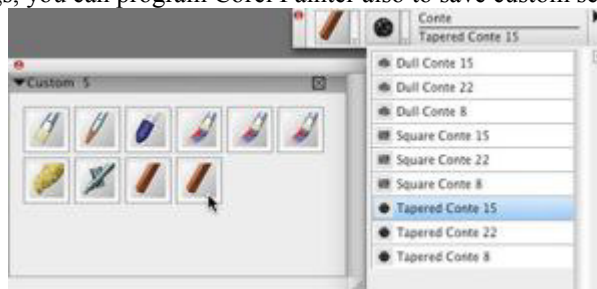


Image (2) plate for drawing brushes preferences

Creation Brush

Creation Brush Help you to control everything, from how to react to the pressure of differential brush, brush size, and paint over the speed

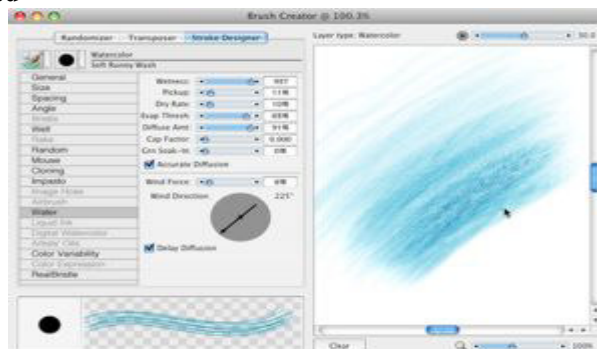


Image (3) practicing with drawing brushes forms

Panel Virtual colors:

If you were like the traditional artist who works with paint, you're probably used platform to mix your paint colors before they are applied, the Corel Painter program simulates the traditional experience of mixing colors, and you can choose the color of the virtual colors, or of the chromophore plate

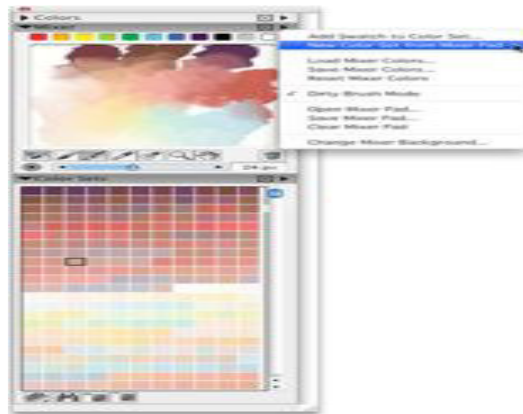


Image (4) Virtual Colors Panel

Fabric painting

One of the disadvantages of digital art is that it often lacks the depth and texture, but that Corel painter program has dozens of drawing surfaces, and more to help you achieve more realistic results.

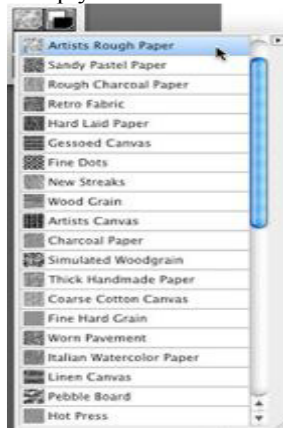


Image (5) different styles of fabric painting

After choosing the surface, you can use the drawing and color brush and then apply them to work in order to obtain immediate effects, if the texture is not enough for you, the Impasto brush the potential to help you simulate the intensity of oil paints on the drawing surface.

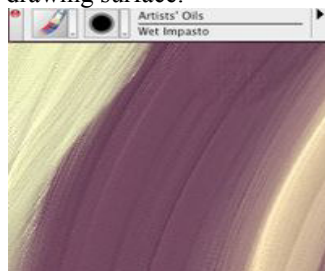


Image (6), oil paints,

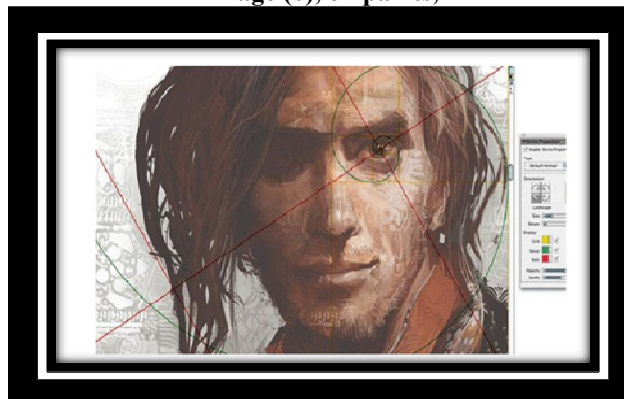


Image (7) a painting by the artist Andrew Jones (Pcmag, 2015)

A painting by the artist Andrew Jones designed by using Corel Painter X and note in the artistic construction balanced in terms of percentages of public anatomical painting, also note the simplicity, and clarity that camped on the black Tablet, the mystery has been the artist succeeded in giving that sense through the use of dark colors.

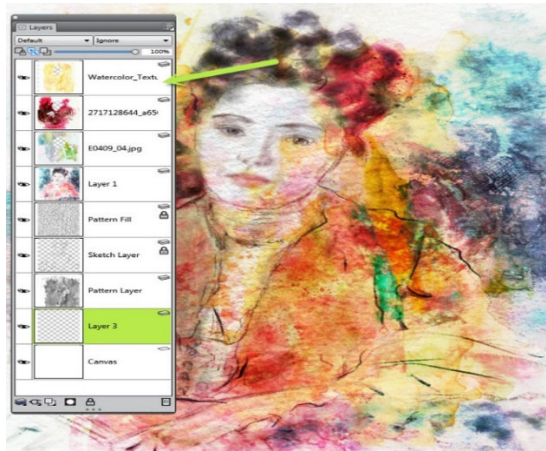


Image (8) Impressionism painting using watercolor by the artist Karen Bonaker (Bonaker, 2015)

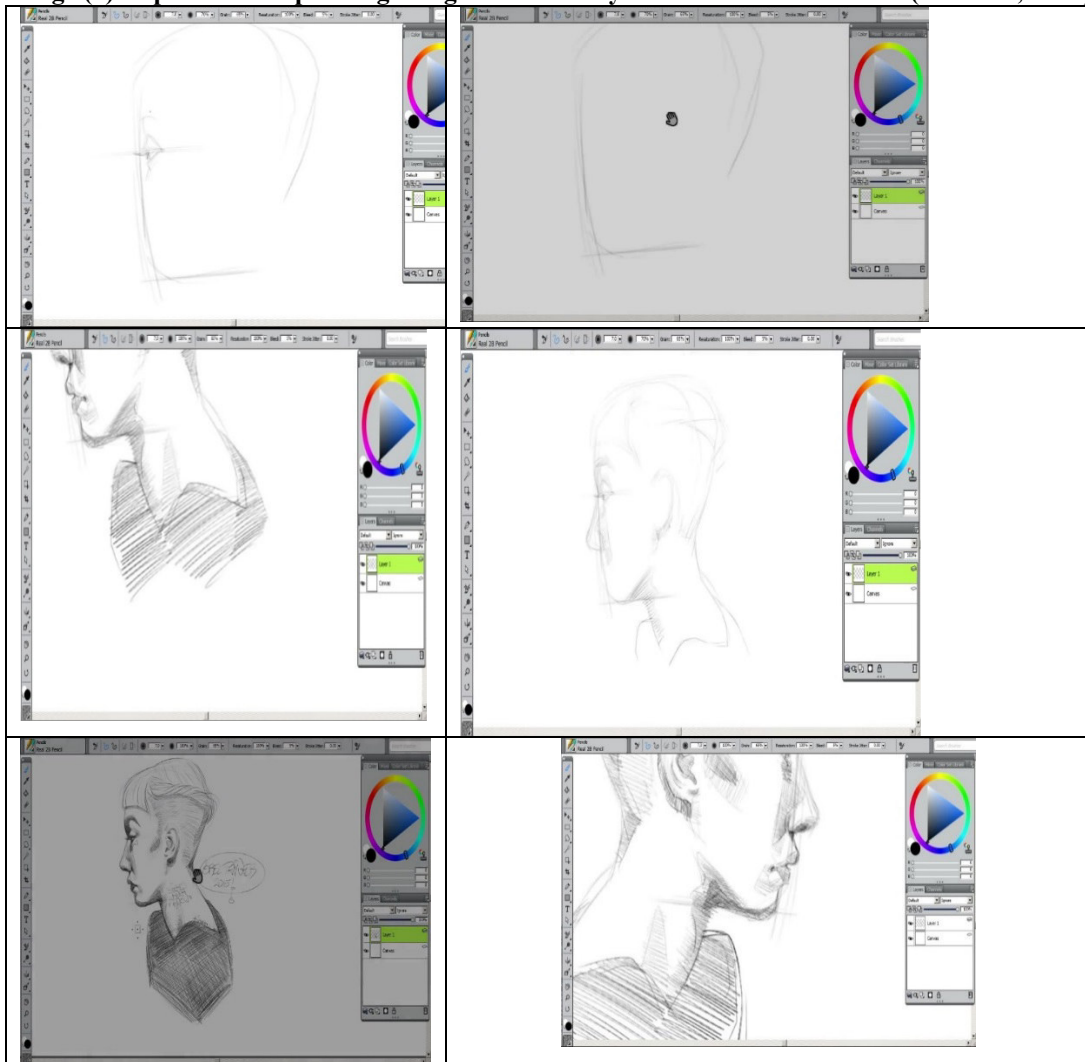


Image (9) using Corel Painter Portrait by the artist Eric Anthony (Eric-Anthony, 2015)



Image (10) A painting of a fantasy art by the Portuguese artist Andrea Rocca



Image (11) A painting of the artist's creations by the Pakistani Waheed Nasir



Image (12) A painting of the creations by the Finnish artist Pete Revokorpi



Image (13) paintings reflect the street children by the artist Christian Guémy

Through the previous paintings displayed clear the enormous potential offered by Corel Painter software platform for digital drawing, as it allows the potential of painting using watercolors, as in the painting by Karen Bonakr (image 8), as well as the possibility of drawing portraits wonderful and expressive way through the Corel Painter program as in the portrait by Eric Anthony (image 9) and also the embodiment of the art of fiction by Andrea Rocca (image 10).

What distinguishes Corel Painter program after the end of the drawing process will not need to do a clean or wash the brush not to wash his hands after the completion of use drawing tools, this program has the advantages outweigh Photoshop, and also The program has the characteristics of traditional drawing such as oil and coal crayons pens.

The Corel Painter provides the user with a virtual platform through which the painter use drawing

brushes and coloring tools, which is a Virtual Pigments

CONCLUSIONS

The research concluded that Corel Painter is a program that is looking for a traditional artist to move into the world of digital painting, which allows the production of paintings the influence of graffiti, oil and watercolor and others enjoyed by the program.

REFERENCES

1. Annum, G. (2014). Digital painting evolution: a multimedia technological platform for expressivity in fine art painting. *Journal of fine & studio Art*, Vol 4 (1), 1-8.
2. Art Towers. (2015, July 5). Retrieved from <http://www.abraajgroupartprize.com/artists-guidelines.php> artodyssey) 2015).retrieved from <http://artodyssey1.blogspot.com.tr/2012/10/c215.html>
3. Bonaker, K. (2015). Impressionistic portraits with watercolors. Retrieved from <http://www.painterartist.com/rw/pages/items/14000021.html>
4. Eric-Anthony. (2015, July 11). Corel painter 2015. Retrieved from HTTP: www.huiontablet.com
5. Harbach. (2003). Exploring Creativity in the Digital Age. , Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications, (pp. 2390-2392). Chesapeake.
6. Li, C., & Chen, T. (2009, April). Visual Quality Aesthetic Assessment of Paintings. *IEEE Journal of Selected Topics in Signal Processing* (Vol 3 Issue: 2, pp. 236 - 252).
7. Merriam-Webster. (2015, July 5). Creativity. Retrieved from Merriam-Webster's Learner's Dictionary: <http://www.learnersdictionary.com/search/creativity>
8. Merriam-Webster. (2015, July 5). digital art. Retrieved from <http://www.learnersdictionary.com/search/creativity>
9. Najjar, p. (2015, July 5). The technical problem in Studio work. Retrieved from adabfan: <http://www.adabfan.com/composition/4866.html>
10. Pcmag. (2015, July 6). Corel Painter X. Retrieved from Pcmag: HTTP: www.pcmag.com
11. Shenaifi, n. M. (2015, July 22). Computer and art education as a method employed modern as possible and take advantage of it in art education. Retrieved from <http://faculty.ksu.edu.sa>
12. Tohamy, T.. M. (2015, July 15). The digital revolution and its impact on the visual image. Retrieved from <http://www.2hamy.com/ar/article>
13. Velev, V. (2004). Digital Creativity: advantages, problems, responsibilities. *International Journal "Information Theories & Applications"* Vol.11.
14. zyzoom. (2015). Corel painter. Retrieved from zyzoom: <http://soft.zyzoom.net/>