

**Pharaoh by artificial intelligence,  
Historical mistakes with a beautiful artistic vision**

**Dr. Mohamed Abdelaziz Mohamed Awad Allah**

Digital Arts and Design Department, Khawarizmi University Technical College, Jordan,  
m.awadallah@khawarizmi.edu.jo

**Abstract:**

In today's digital age, the power of artificial intelligence (AI) is continually expanding its reach, revolutionizing various aspects of our lives. AI has brought innovation to the world of image generation, making it easier and more accessible than ever before, but here we would like to focus on some historical mistakes that is not been considered in the current audit stages so we can be able to help improving the accurate final result. In recent years, the field of artificial intelligence has witnessed significant advancements in generating and manipulating visual content. One prominent area of development within this domain is AI image generators, These generators hold immense potential across diverse applications, revolutionizing industries such as advertising, entertainment, and digital art creation. As artificial intelligence continues to evolve, its ability to generate and manipulate images has reached remarkable levels of sophistication. However, alongside their impressive capabilities, AI image generators are also prone to making intriguing and sometimes puzzling mistakes. These errors can range from minor imperfections to profound distortions, raising important questions about the limitations and ethical implications of AI in visual content creation. Understanding these mistakes not only sheds light on the underlying algorithms and processes but also prompts critical reflections on the broader implications of relying on AI for creative and practical applications. This research aims to explore and analyze the nature, causes, and consequences of mistakes made by AI image generators, offering insights into their development, usability, societal impact, and how can ideas be proposed to support artificial intelligence thinking to extract historically correct images through an open source of information for experts everywhere, regardless of their specializations.

**Keywords:**

Pharaoh, Costume, Modern, Egypt, Historical

**References:**

1. Agrawal, A., Gans, J., Goldfarb, A., 2022, Prediction Machines: The Simple Economics of Artificial Intelligence, Massachusetts, USA: Harvard Business Publishing
2. Al-Bahi, H., 2012, Artificial Intelligence and the Challenges of the Knowledge Society, Morocco: Africa East
3. Al-Baqasi, M., 2019, Artificial Intelligence, Creating the Future `Parallel Computers - Automatic Control - Genetic Programming - Prolog Language - Artificial Neurons`, Alexandria, Egypt: House of University Education
4. Al-Hadi, Z., 2000, Artificial Intelligence And Expert Systems In Libraries, An Experimental Approach To Expert Systems In The Field Of References, Giza, Egypt: Academic Bookshop Co.
5. Al-Khadim, S., 1961, The history of popular fashion in Egypt, Russeifa, Jordan: Dar Al-Qalam
6. Al-Khayyat, P., 1998, Artificial Intelligence; His concepts...his techniques. Programming Methods, Amman, Jordan: Dar Haneen for Publishing and Distribution. Series: Arabic Computer Books
7. Al-Mousawi, W., 2019, Artificial Intelligence (Between Application and Mechanisms - Part Five), Amman, Jordan: Dar Al-Ayyam for Publishing and Distribution
8. Al-Mousawi, W., 2019, Artificial Intelligence (Between Method and Innovation - Part Five), Amman, Jordan: Dar Al-Ayyam for Publishing and Distribution
9. Ameen, F., 2024, Génération d'images A.I, San Francisco, USA: Iris Publishing
10. Arnous, B., 2008, Artificial Intelligence, Cairo, Egypt: Dar Al-Sahab for Publishing and Distribution Series: Information Engineering and Computer Systems
11. Ashton, S., 2001, Ptolemaic Royal Sculpture from Egypt: the interaction between Greek and Egyptian traditions, Cuddesdon, UK: Archaeopress
12. Bassiouni, A., 2005, Artificial Intelligence and the Intelligent Agent, Amman, Jordan: Dar Al-Yazouri Scientific for Publishing and Distribution.
13. Bianchi, R., 1988, Cleopatra's Egypt: Age of the Ptolemies, New York, USA: Brooklyn Museum
14. Breadon, M., 2019, AI Art - Collection 1 - 800+ Images Created Using Artificial Intelligence - Artificial Intelligence (AI) and Machine Learning Art, Michigan, USA: Independently Published

15. Brier, B., 2008, Daily life of the ancient Egyptians, London, UK: Bloomsbury Publishing
16. Brock, H., 2018, Artificial Intelligence, Beirut, Lebanon: Dar Al Majhan Series: The Adventurers
17. Cayley, J., 2023, Image Generation, Colorado, USA: Counterpath Press
18. Cheong, S., 2020, Hands-On Image Generation with TensorFlow: A practical guide to generating images and videos using deep learning, Birmingham, UK: Packt Publishing Ltd
19. Christian, B., 2020, The Alignment Problem: Machine Learning and Human Values, New York, USA: W. W. Norton & Company
20. Coeckelbergh, M., 2020, AI Ethics, Massachusetts, USA: MIT Press
21. D.D. Graston (Author, Publisher), Colin Campbell (Narrator), Mastering AI Image Generation: A Comprehensive Guide to Creating Your Own AI Applications, Audible Audiobook – Unabridged
22. Das, L., Aprem, A., George, S., 2023, Artificial Intelligence and Machine Learning - Theory and Practice, London, UK: IK International Pvt. Limited
23. Duin, A., Pedersen, I., 2023, Augmentation Technologies and Artificial Intelligence in Technical Communication - Designing Ethical Futures, London, UK: Taylor & Francis
24. Ergen, I., 2022, Design in Metaverse: Artificial Intelligence, Game Design, Style-Gan2 and More..., New Delhi, India: Allied Publishers
25. Et Tu Code, Image Generation AI: A comprehensive Guide to Image Generation with Artificial Intelligence (AI Explorer Series) Kindle Edition
26. Gabbay, D., 2006, Philosophy of Psychology and Cognitive Science, Amsterdam, Netherlands: Elsevier
27. Gade, R., 2023, Mastering Image Creation with Midjourney AI Tools: How to Create Stunning AI Images with Midjourney, Kuala Lumpur, Malaysia: Estalontech
28. Ghoneim, A., 2017, Artificial Intelligence.. A new revolution in contemporary management, Sidon, Lebanon: Modern Library
29. Hamma, K., 1996, Alexandria and Alexandrianism, Los Angeles, USA: Getty Publications
30. Heuzey, L., Heuzey, J., 1935, Histoire du costume dans L'antiquite classique, Paris, France: Société d'édition Les Belles lettres
31. Jassim, A., 1995, Artificial Intelligence, Amman, Jordan: Dar Al-Kindi for Publishing and Distribution
32. Kahn, J., 2024, Mastering AI - A Survival Guide to Our Superpowered Future, New York, USA: Simon & Schuster
33. Kroening, D., Strichman, O., 2008, Decision Procedures: An Algorithmic Point of View, Berlin, Germany: Springer Science & Business Media
34. Mao, X., Li, Q., 2021, Generative Adversarial Networks for Image Generation, Berlin, Germany: Springer Nature
35. Markoff, J., 2015, Machines of Loving Grace: The Quest for Common Ground Between Humans and Robots, New York, USA: HarperCollins
36. Pritcha, F., 2006, Clothing Culture: Dress in Egypt in the First Millennium, Manchester, England: The Whitworth
37. Robins, G., 1997, The art of ancient Egypt, London, UK: Trustees of the British Museum
38. Rotschill, J., 2024, AI ARTS CREATION, Amsterdam, Netherlands: NWO PUBLISHER
39. Russell, S., 2019, Human Compatible: Artificial Intelligence and the Problem of Control, London, UK: Allen Lane
40. Russell, S., Norvig, P., 2020, Artificial Intelligence: A Modern Approach, New Jersey, USA: Prentice Hall
41. Stanwick, P., 2002, Portraits of the Ptolemies: Greek Kings as Egyptian Pharaohs, Texas, USA: University of Texas Press
42. Susskind, D., 2020, A World Without Work: Technology, Automation and How We Should Respond, London, UK: Penguin Random House
43. Taulli, T., 2019, Artificial Intelligence Basics: A Non-Technical Introduction, New York, USA: Apress
44. Tilke, M., 1957, Costume patterns and Designs, New York, USA: Rizzoli
45. Vogelsang, G., 1993, Pharaoh Egyptian Clothing, Leiden, Netherlands: Brill Publishers
46. Wali, S., 2001, Artificial Intelligence and Robotics, Beirut, Lebanon: Dar Al-Maaref Series: Scientific Tales
47. Wali, S., 2008, Artificial Intelligence, Cairo, Egypt: Egyptian Lebanese House Series: Science in Your Hands
48. Walker, S., Higgs, P., 2001, Cleopatra of Egypt: From History to Myth, London, UK: British Museum Press
49. Walters, E., 1988, Attic Grave Reliefs that Represent Women in the Dress of Isis, Athina, Greece: American School of Classical Studies at Athens

**Citation:** Mohamed Awad Allah (2024), Pharaoh by artificial intelligence, Historical mistakes with a beautiful artistic vision, International Design Journal, Vol. 14 No. 5, (September 2024) pp 589-598

50. Yilmaztekin, H., 2023, Artificial Intelligence, Design Law and Fashion, London, UK: Taylor & Francis
51. Mark, J., 2017, Fashion & Dress in Ancient Egypt, accessed 19 March 2024, <<https://www.worldhistory.org/article/1037/fashion--dress-in-ancient-egypt/>>
52. Seaver, C., 2023, What Was It Like To Be A Slave In Ancient Egypt?, accessed 19 March 2024, <<https://www.historydefined.net/what-was-it-like-to-be-a-slave-in-ancient-egypt/>>
53. thearchaeologist.org, 2021, Ptolemaic Egypt: Ancient Egypt Under Greek Rule, accessed 19 March 2024, <<https://www.thearchaeologist.org/blog/ptolemaic-egypt-ancient-egypt-under-greek-control>>

### ***Paper History:***

Paper received May 02, 2024, Accepted July 27, 2024, Published on line September 1, 2024