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## The theory of chaos and its impact on fashion design

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Chaos is the primeval state of existence from which the first gods appeared, in other words, the dark void space in Greek mythology. It is made from a mixture of what the Ancient Greeks considered the four elements: Earth, Air, Water and Fire. On the other hand chaos Theory is an alternative name for “nonlinear dynamical systems theory”. The latter is an umbrella term for the study of phenomena such as attractors, bifurcations, chaos, fractals, catastrophes and self-organization, all of which describe systems as they change over time randomly. In chaotic phenomena, seemingly random events are actually predictable from simple deterministic equations. Thus a phenomenon that appears locally unpredictable may indeed be globally stable, exhibit clear boundaries and display sensitivity to initial conditions. The latter property is also known as the Butterfly Effect. The initial positioning of the costume design therefore, is the deconstruction of the consumer group. How does one define a dress code, who sets the standards for the invitation that reads, “smart casual” or “formal “or chaos casual? Unfortunately it is the society you live in who set the rules and standards of these fashion rules, but how far it could be gone to trust the society we live in on fashion rights? It is believed that fashion design system is a chaotic system, with a typically non-periodic, and seemingly erratic disorder steady-state movement patterns. Chaos Theory is determined as a design methodology, which is the basic view of the world observed by designers and it also plays a liberal role in understanding the world thinking. Therefore it will highly promote the creative thinking of present and future designers. Although there is certainly no lack of creativity or striking imagery in fashion today and during most of the last century, fashion (in the Western world) was dictated by a handful of designers in places like Paris and Hollywood and trends got filtered down to the masses via magazines, movies and sewing patterns, but there seems to be no direction. On the other hand, the styles might be not likeable or unacceptable, but they were undoubtedly clear. The present research is exploring the chaos fashion design through the different elements of fashion design as such the fabric colors, the dress constructions, the dress structures as well as all of them totally.

### Biography

Nashwa El Shafey is an expert in fashion design and has established several fashion shows on the level of the faculty of applied arts and university.

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