

## عنوان مقاله:

Creativity in Artificial Artistic Systems

## محل انتشار:

کنفرانس بین المللی هنر، معماری و کاربردها (سال: 1395)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

Creativity is an important component of human intelligence, and imbuing artificially intelligent systems with creativity is an interesting challenge. Therefore artificial creativity is a new field in artificial intelligence that can be useful in many cases such as art and design. The different studies show how the artificial creativity approach supports the study of creativity from a variety of standpoints that mirror the disciplines that study human creativity. As creativity is an essential part of artistic activities, different researches aim to use it in artistic systems. The paper investigates some famous artificial artists based on artificial creativity. As definitions of creativity are numerous, in this paper the artificial creativity approach to the development of computational models of creative systems is described with reference to Csikszentmihalyi's systems view of creativity. Then it is demonstrated and described some artistic computer system including NEvAr, DARCI, AARON and Digital Clockwork Muse

## کلمات کلیدی:

Artificial Creativity, Artificial Intelligence, Artificial Artists, Computer Aided Creativity

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