(Art, Design, Philosophy)

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Arte e Intelligenza Artificiale
Alice Barale

pp.256, 18,5x23,5 colour
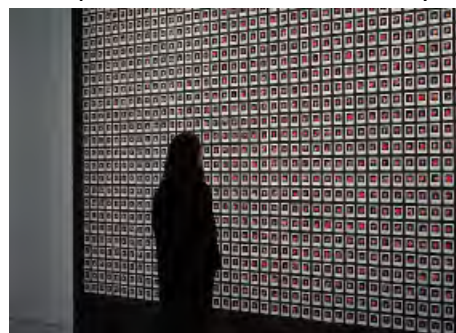
Is a new kind of art born?

Art and Artificial Intelligence

At the end of 2018 an artwork created by the Artificial Intelligence of the Obvious Group was sold at Christie's auction. The resulting surprise, dismay and misinformation in the press have revealed how complex the idea of artificial intelligence is for the public and the art world. The work that makes use of artificial intelligence raises a multifaceted debate of enormous interest on the validity of the machine's creativity, on the identity of the true artist and on the quality of the aesthetic results.
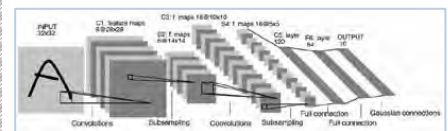
Philosophers, computer scientists, art historians, scholars and artists confronted with basic questions: what is creativity? And the art? Who is the craftsman and who is the spectator? Can machines be creative or is creativity just a human characteristic? Can the generative process of an artificial intelligence system be qualified as creative and original? How do we judge the works of art created with the mediation of the AI? Can we call algorithms that discriminate among millions of "works" aesthetic?
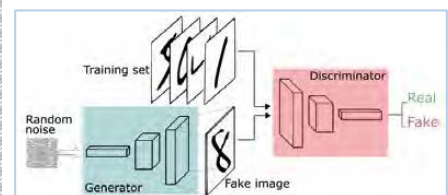
Mario Klingemann 2018

Alice Barale is a research fellow in Aesthetics at the University of Florence. She has dealt extensively with Aby Warburg and Walter Benjamin, to whom she has dedicated a monograph (The melancholy of the image, Pisa 2009) and several essays. He edited a new Italian edition and translation of the Origin of the German Baroque drama by Walter Benjamin (2018) and, for Jaca Book, a monograph on AI art (Art and artificial intelligence. Be my GAN, 2020).

Contributions of:
Alice Barale, Mario Klingemann, Michael Castelle, Marian Mazzone,Caterina Moruzzi, Obvious, Anna Ridler, Georgia Ward-Dyer

Architecture of the neural network known as *Neocognitron.*

The basic architecture of a gan.