



Claytronics

Revolutionising the future of communication in claytronics

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ABSTRACT:

Claytronics could also be a art movement idea that aims to interrupt the barriers of physical limitation of tangible 3D objects. the concept is to make associate degree object composed of the many programmed nanoscale robots, every moving relative to each different throughout a controlled, coordinated manner to vary form and acquire properties as designed.

Claytronics consists of individual elements referred to as Claytronic Atoms or Catoms. because the actual hardware is to manage itself to the specified type, every catoms consists of electronic equipment, a network device for communication, single constituent show, sensors, some way to stick to every different and an influence supply.

Organizing all of the communication and actions between several catoms conjointly need extremely advanced algorithms and artificial language . this idea area unit typically generally mentioned as Programmable Matter. Claytronics has the potential to considerably have an effect on several areas of lifestyle, like telecommunication, human-computer interface, amusement, etc.



THANK YOU