

The background of the image features a series of horizontal, slightly wavy lines in various colors including grey, purple, pink, orange, and yellow. Scattered across these lines are numerous circular dots in the same color palette, creating a dynamic, abstract pattern that resembles a network or data visualization.

The searched term refers to the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. Since the mid-20th century, scientists have attempted to develop a system capable of carrying out tasks perceived as requiring human intelligence. Among the tasks that have been studied from this point of view are game playing, natural-language understanding, fault diagnosis, robotics, and supplying expert advice.