

The background of the image features a network of interconnected dots in various colors including purple, red, orange, and yellow. These dots are connected by thin, semi-transparent lines of corresponding colors, creating a complex web-like pattern that spans the entire frame. The dots vary in size and are distributed across the image, with a higher concentration in the upper left and center areas.

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.