

The background of the image features a network of interconnected dots and lines. The dots are colored in shades of grey, purple, pink, orange, and yellow. The lines are thin and connect the dots in a web-like pattern, creating a sense of movement and complexity. The text is overlaid on this background, with some words appearing to be part of the network's structure.

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.