

An abstract graphic featuring a series of colored dots (purple, pink, orange, yellow) connected by thin, curved lines, creating a network-like pattern across the text. The dots are arranged in a way that suggests a flow or connection between different parts of the text, with some lines crossing each other. The colors transition from dark purple at the top to bright yellow at the bottom, mirroring the color of the dots.

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.