

A network diagram is overlaid on the text. It consists of numerous circular nodes in various colors (purple, blue, red, orange, yellow, grey) connected by thin, semi-transparent lines. The nodes are distributed across the image, with a higher concentration in the upper right quadrant. The lines connect nodes in a complex, web-like pattern, some following the lines of text and others crossing them.

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.