

The background of the image features a network of colored dots and lines. The dots are in shades of grey, purple, pink, red, orange, and yellow. They are connected by thin, curved lines of corresponding colors, creating a web-like pattern that spans the entire image. The text is overlaid on this pattern.

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.