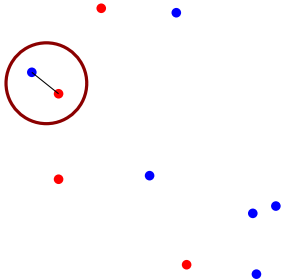


A diagram showing a red point and a blue point connected by a line segment. The mathematical expression $\|a - b\|^q + \omega(a) + \omega(b)$ is written next to the line segment.



A diagram illustrating a distance formula. It shows a red point on the left and a blue point on the right, connected by a thin black line segment. The formula $\|a - b\|^q + \omega(a) + \omega(b)$ is written to the right of the line segment, with the line segment pointing towards the red point.

$$\|a - b\|^q + \omega(a) + \omega(b)$$