Closeness of Particle "1"

=

$$\frac{1}{d_{12}} + \frac{1}{d_{13}} + \frac{1}{d_{14}} + \frac{1}{d_{15}}$$

Closeness of Particle "2"

=

$$\frac{1}{d_{21}} + \frac{1}{d_{23}} + \frac{1}{d_{24}} + \frac{1}{d_{25}}$$