

As the number of nodes in the network increases, the number of links also increases. The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (1)$$

where  $L$  is the number of links, and  $N$  is the number of nodes in the network.

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (2)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (3)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (4)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (5)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (6)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (7)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (8)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (9)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (10)$$

The number of links is given by the following equation:

$$L = \frac{N(N-1)}{2} \quad (11)$$