# Problem: Find intersection points two circle.

## Mathematical notation. Find

circle A = A (x, y), r

circle B = B (x, y), R

# Solution:

#### Move the layout to the coordinates of the first circle.

circle D = D (0, 0), r

circle C = C, R

#### Check whether the sum of radius is not greater than the distance between the centers of circles!

#### Equation

1. Equation Q
2. variable

#### Quadratic equation

#### Equation Q , corresponding x value Back to origin