

# TopoDroid Trilateration

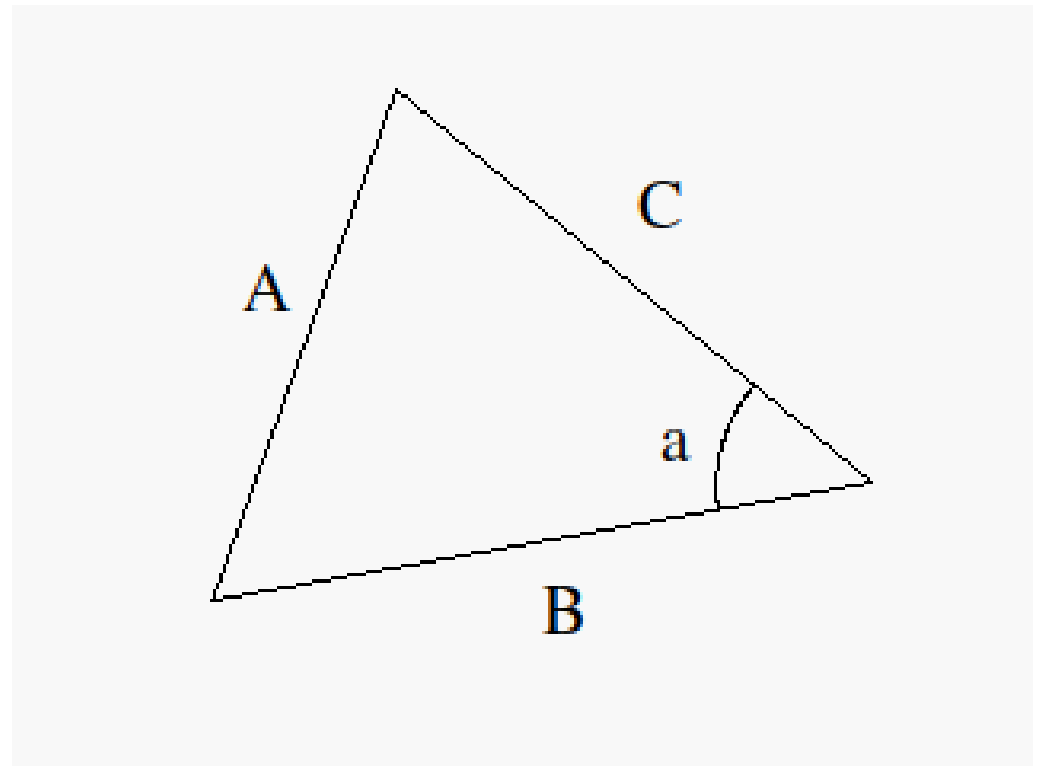
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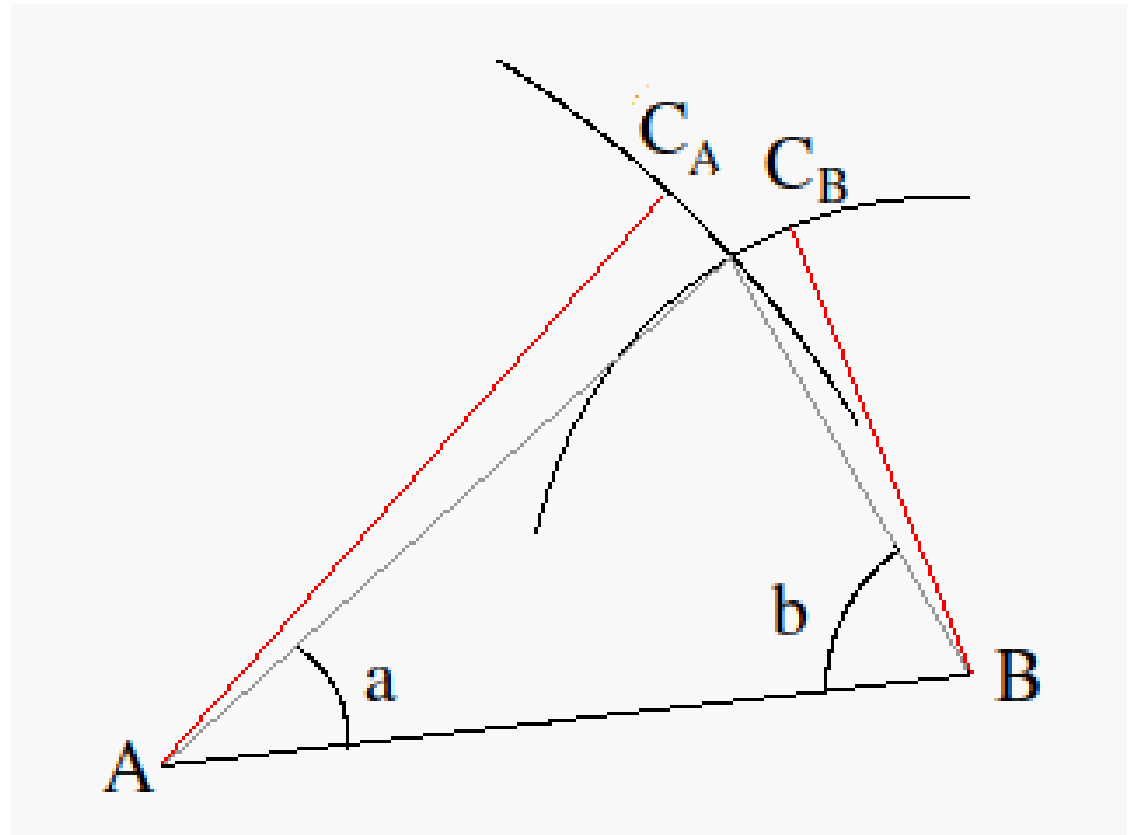
# Trilateration

- Compute angles of a triangle from the lengths of the sides
- $A^2 = B^2 + C^2 - 2 B C \cos( a )$



# Trilateration in TopoDroid

- To compute azimuth angles
- Overdetermined system
- Solved iteratively
  - Slow



# Trilateration in TopoDroid

Survey setting

Shot data setting: “Loop closure”

“Triangles”

