

ALICE MUON Software for run 3

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Outline

ALICE

Current MUON Software

Cluster Finder

ALICE

ALICE MUON Arm

Detector Structure

Detector Structure 2

Outline

ALICE

Current MUON Software

Cluster Finder

Current MUON Software

Theorem

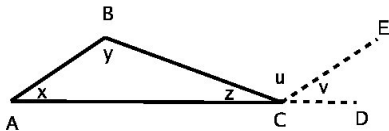
The angles in a triangle sum to 180° .

Current MUON Software

Theorem

The angles in a triangle sum to 180° .

Plan: Extend AC past C to D. Draw CE parallel to AB.



Proof.

1. $u = y$



Proof.

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Alternate angles of a transversal.



Proof.

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2. $v = x$

Alternate angles of a transversal.



Proof.

1. $u = y$

2. $v = x$

Alternate angles of a transversal.

Consecutive interior angles of a transversal



Proof.

1. $u = y$

2. $v = x$

3. $z + u + v = 180^\circ$

Alternate angles of a transversal.

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ACD is a straight line.



Proof.

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2. $v = x$

Consecutive interior angles of a transversal

3. $z + u + v = 180^\circ$

ACD is a straight line.

4. $z + y + x = 180^\circ$



Proof.

1. $u = y$

Alternate angles of a transversal.

2. $v = x$

Consecutive interior angles of a transversal

3. $z + u + v = 180^\circ$

ACD is a straight line.

4. $z + y + x = 180^\circ$

Substitution from Steps 1 and 2.



Outline

ALICE

Current MUON Software

Cluster Finder

What is a cluster finder

- This tour just scratches the surface.

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- BEAMER has enough features to fill a 210-page user manual!

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- This tour just scratches the surface.
- BEAMER has enough features to fill a 210-page user manual!
- **Advanced example:** `http://latex-beamer.sourceforge.net/beamerexample1.pdf`.