

# High school geometry theorems

Hilbert's axiomatic system.

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07.01.2017.

**Theorem 1 (th\_16\_01.)** *Assuming that  $A \in t$  and  $B \in t$  and  $C \in t$  and  $D \in t$  and  $\text{bet}(A, D, B)$  and  $\text{bet}(A, D, C)$  it holds that  $\neg \text{bet}(B, D, C)$ .*

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