

High school geometry theorems

Hilbert's axiomatic system.

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Teorema 1 (th_7c.01.) *Pod pretpostavkom da važi $A \in t$ i $B \in t$ i $C \in t$ i $D \in t$ i $\text{bet}(A, D, B)$ i $\text{bet}(A, D, C)$ pokazati da važi $\text{bet}(D, B, C)$ ili $\text{bet}(D, C, B)$ ili $\text{bet}(B, D, C)$.*

Teorema 2 (th_7c.02.) *Pod pretpostavkom da važi $A \in t$ i $B \in t$ i $C \in t$ i $D \in t$ i $\text{bet}(A, D, B)$ i $\text{bet}(A, D, C)$ i $\text{bet}(D, B, C)$ pokazati da važi $\neg \text{bet}(B, D, C)$.*

Teorema 3 (th_7c.03.) *Pod pretpostavkom da važi $A \in t$ i $B \in t$ i $C \in t$ i $D \in t$ i $\text{bet}(A, D, B)$ i $\text{bet}(A, D, C)$ i $\text{bet}(D, C, B)$ pokazati da važi $\neg \text{bet}(B, D, C)$.*

Teorema 4 (th_7c.04.) *Pod pretpostavkom da važi $A \in t$ i $B \in t$ i $C \in t$ i $D \in t$ i $\text{bet}(A, D, B)$ i $\text{bet}(A, D, C)$ i $\text{bet}(B, D, C)$ pokazati da važi $\neg \text{bet}(B, D, C)$.*
