

- ▶ JOHN MUMMA, *Diagrams and parallelism*.
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The topic of my talk is how the relation of parallelism is represented in diagrammatic proofs of plane elementary geometry. I will discuss how the boundedness of diagrams motivates a constructive conception of the relation, and consider how the formal system presented in [1] can be modified in accord with this conception.

[1] J. AVIGAD, E. DEAN, AND J. MUMMA, *A formal system for Euclid's Elements*, *The Review of Symbolic Logic*, vol. 2 (2009), no. 4, pp. 700–768.