Content of Bulletin 121, December 2016	by Volkert Hoogeland	
Colophon	Secretary	page 2
Messages from the committee	Secretary	page 3
Sundial in a vertical cylinder	F. Maes	page 5
A simple approach to the determination of hour and date lines.		
The Zimmer Tower in Lier, Belgium (part 3)	L. Bolsman	page 9
There are dials on the tower that show the phase of the moon, the tide and the Zodiac. These dials are explained in this article.		
Nuremberg hours: a reaction on the article in bulletin 120	J. Souverijn	page 12
The Latin text above the sundial is translated into Dutch and is a kind of a poem. An explanation and argumentation follows about how the grid on the sundial should be interpreted. It differs from the conclusions in the article in bulletin 120.		
A reply on te reaction of J. Souverijn and B. Mooy	F. Maes	page 16
The hour lines for Nuremberg hours appear to be related to antique hour lines.		
Quiz The results of the previous puzzle are published. The sun compass constructed for this location in the previous puzzle is used for a new puzzle.	F. Maes	page 18
The minutes of the meeting on the 24 th of September 2016	Secretary	page 21

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