

ALLEGORIE DE LA GEOMETRIE

A mathematical autopsy

MathsJam





***Allegorie de la Geometrie* (1649), Laurent de la Hyre (1606-1656)**



Laurent de la Hyre (1606-1656)
(Baroque painter)



Laurent de la Hyre (1606-1656)
(Baroque painter)



Gédéon Tallemant (1619-1692)
Les 7 arts liberaux



Laurent de la Hyre (1606-1656)
(Baroque painter)



Louis XIV (*Louis le Grand*) (1638-1715)



Gédéon Tallemant (1619-1692)
Les 7 arts liberaux



Rhetoric

Bürgenstock Castle



Grammar

National Gallery



Logic

Bürgenstock Castle



Astronomy

Musée des Beaux-Arts



Music

Metropolitan Museum



Geometry

Fine Arts Museums of San Francisco



Arithmetic

Walters Art Museum



Rhetoric

Bürgenstock Castle



Grammar

National Gallery



Logic

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Laurent de la Hyre (1606-1656)



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Girard Desargues (1591-1661)
«Founding father» of
Projective Geometry



Laurent de la Hyre (1606-1656)



Girard Desargues (1591-1661)
«Founding father» of
Projective Geometry



Philippe de La Hire (1640-1718)
Mathematician, Astronomer



**Fine Arts Museums of San Francisco
Estimate 800 000 - 1 200 000 dollars (US)**







L. B. CA. 1670. V. R. T. 1671.





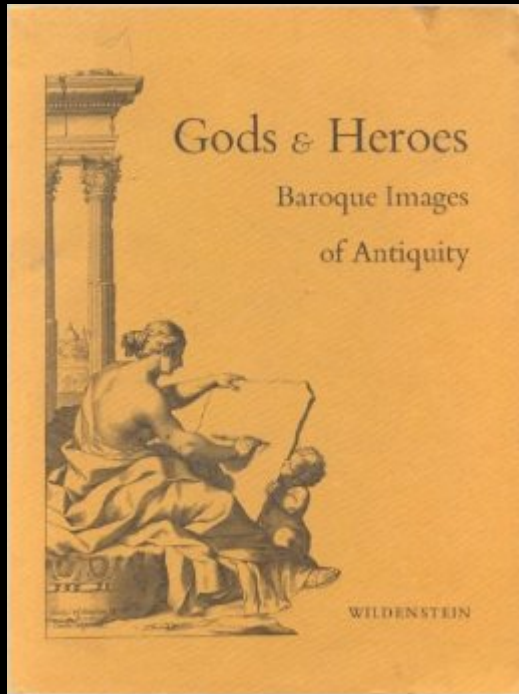












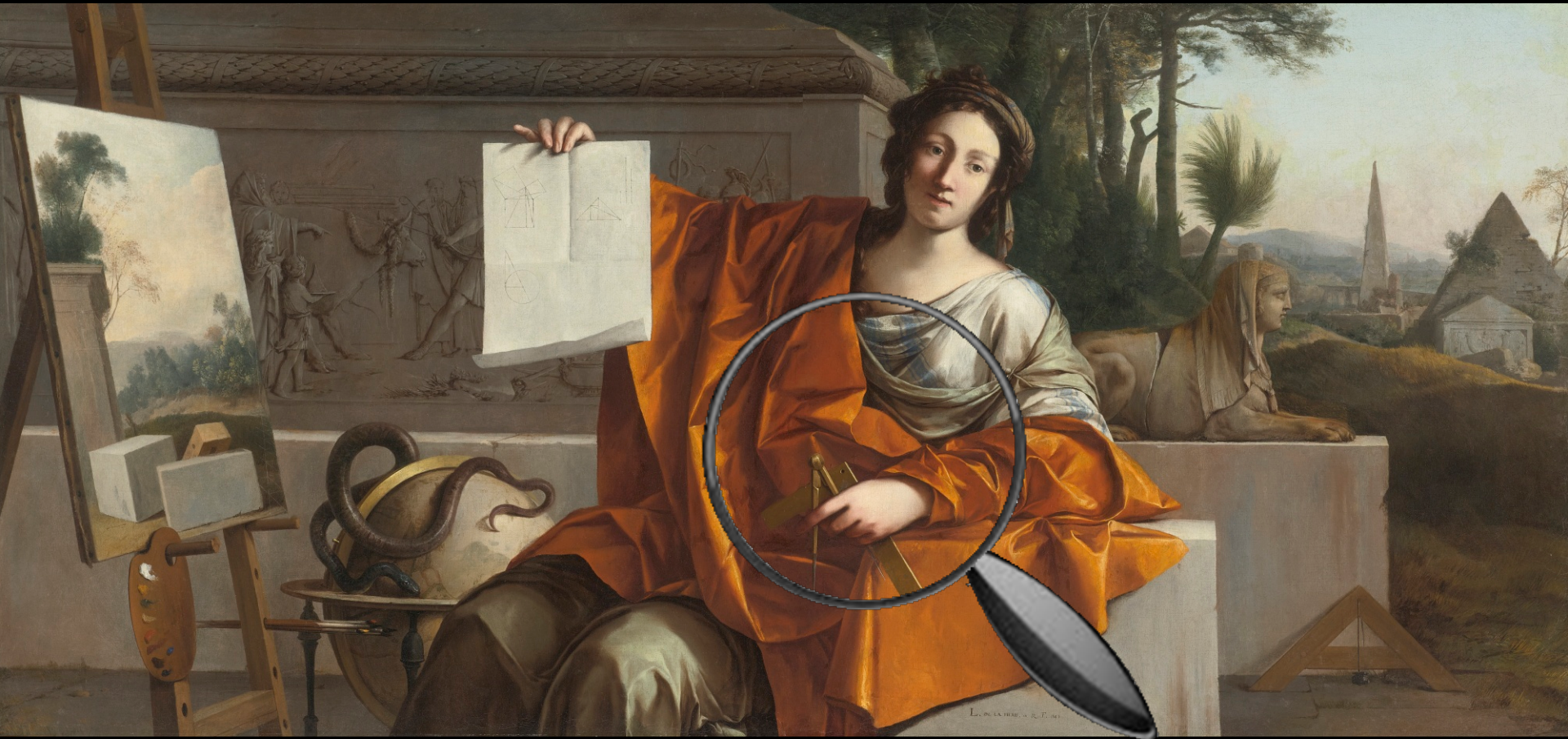
Williams, Eunice. (Toledo Museum of Art), Gods & Heroes: Baroque Images of Antiquity, exhibition catalogue, 42-43, Wildenstein, New York, 1968.

«Inferior» Egyptian geometry *versus* «superior» abstract Greek geometry

The diagrams



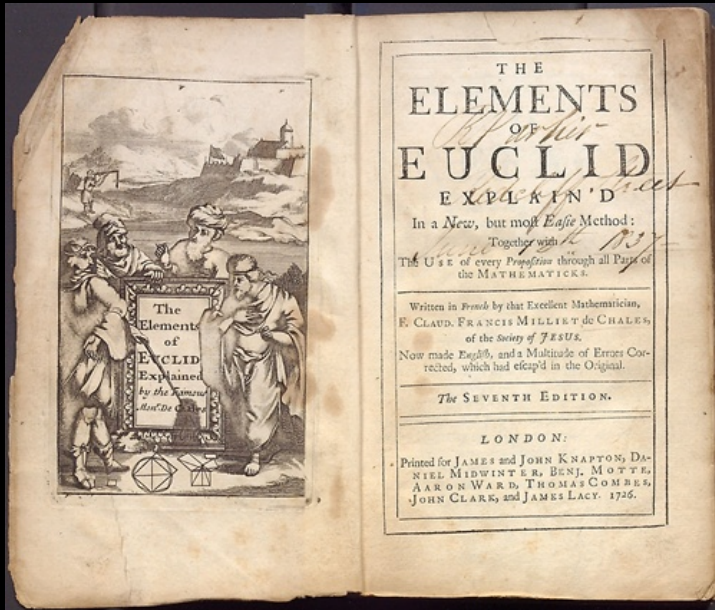
L. B. CA. 1670. N. P. 1671.

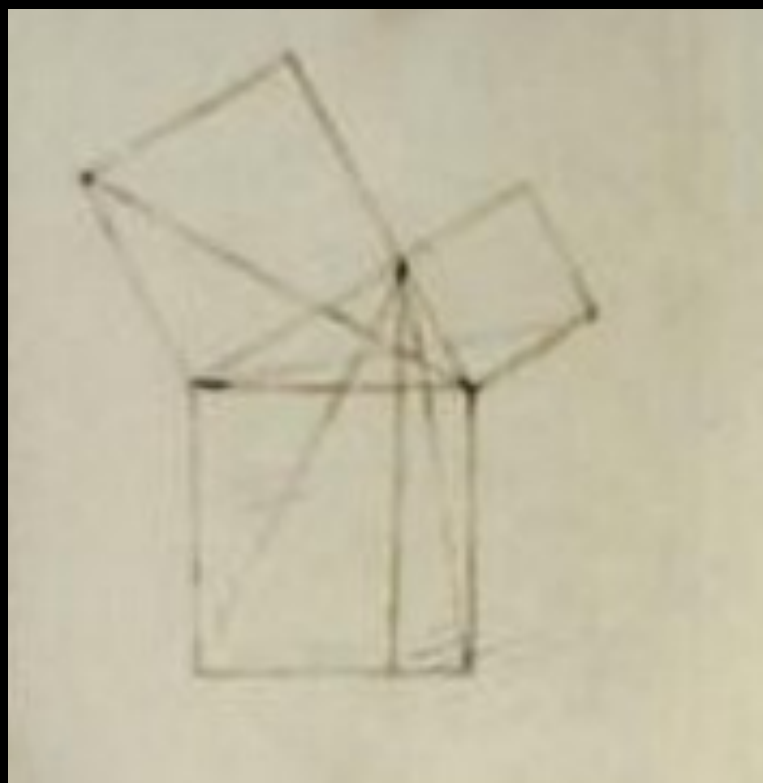


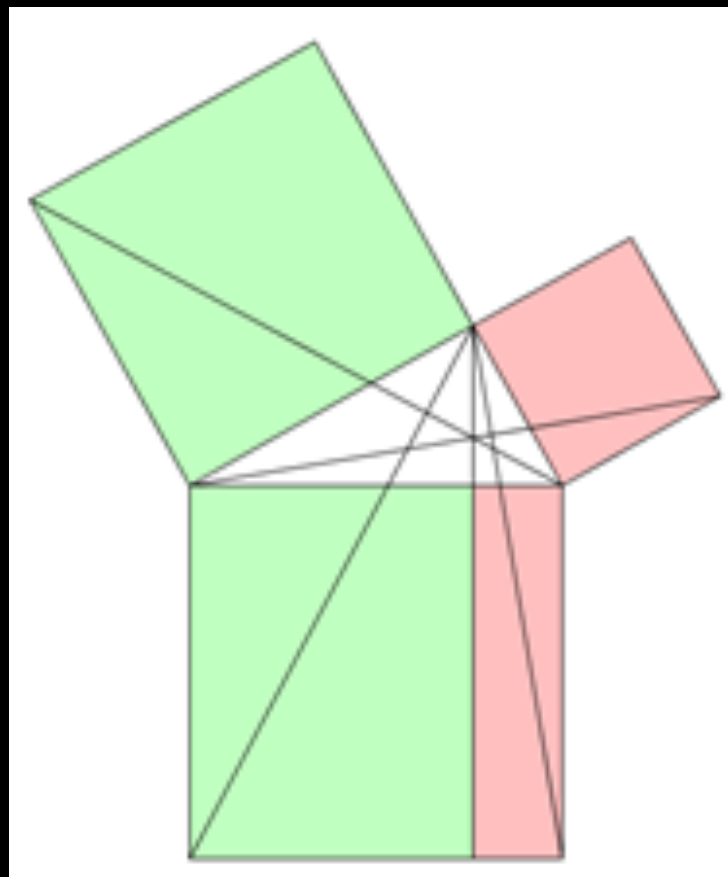
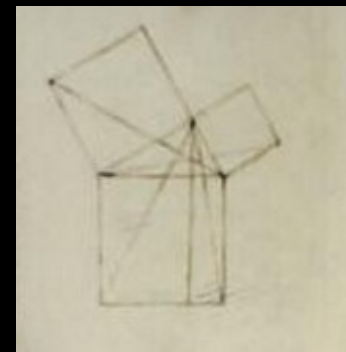




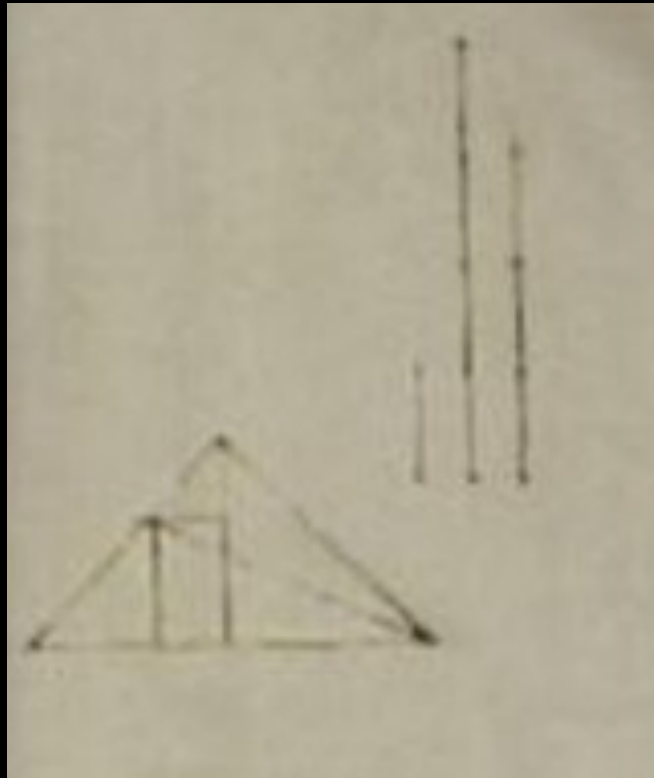
Euclid (~IV AC - ~III AC)

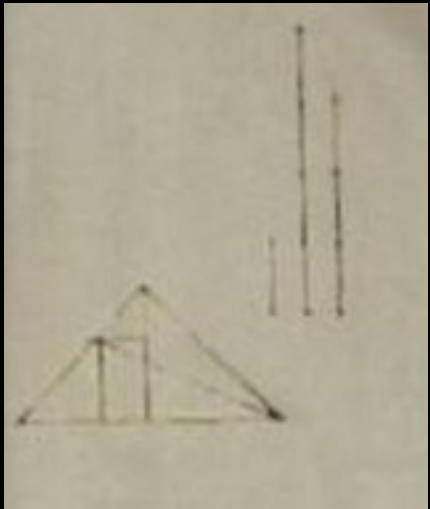
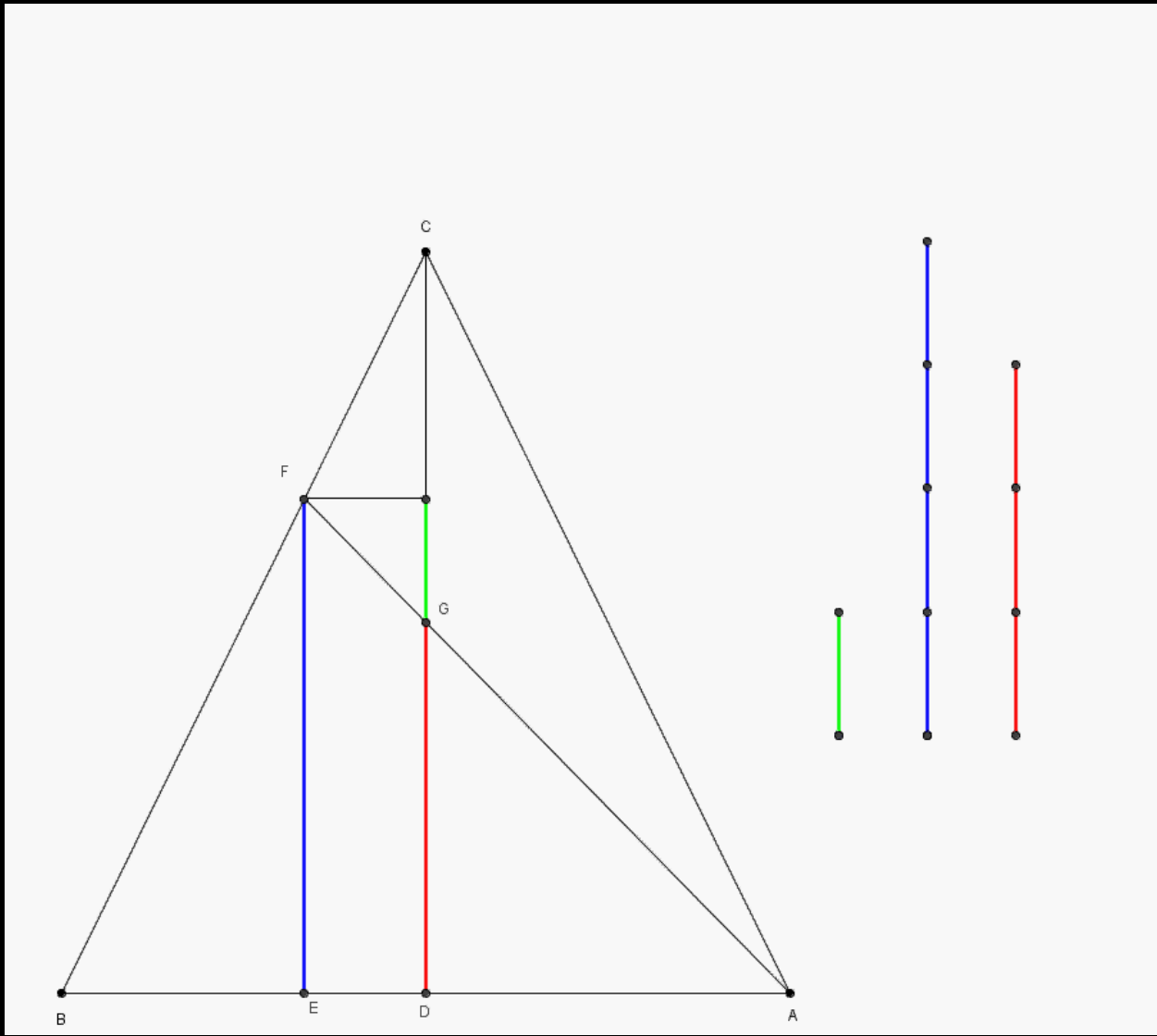


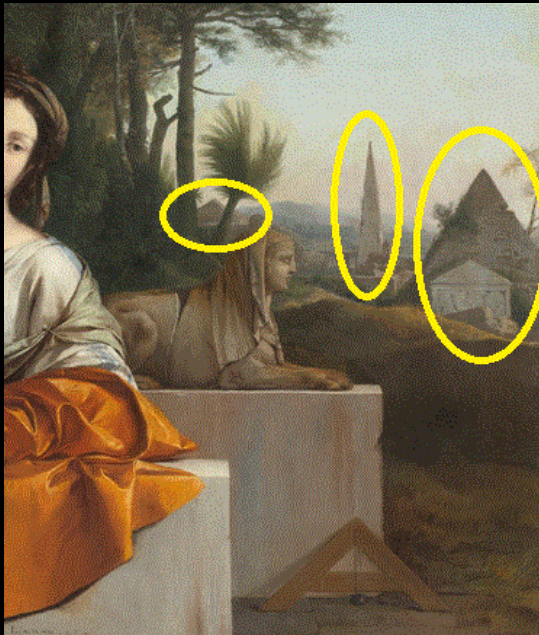
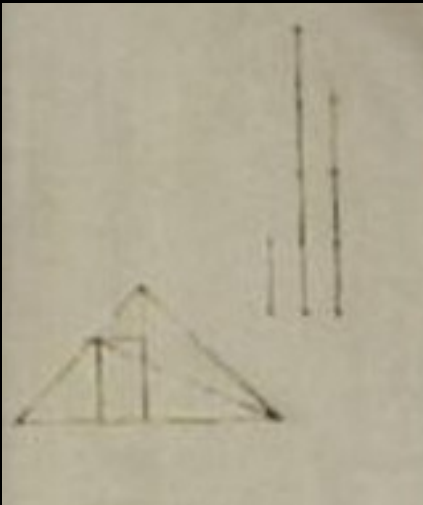
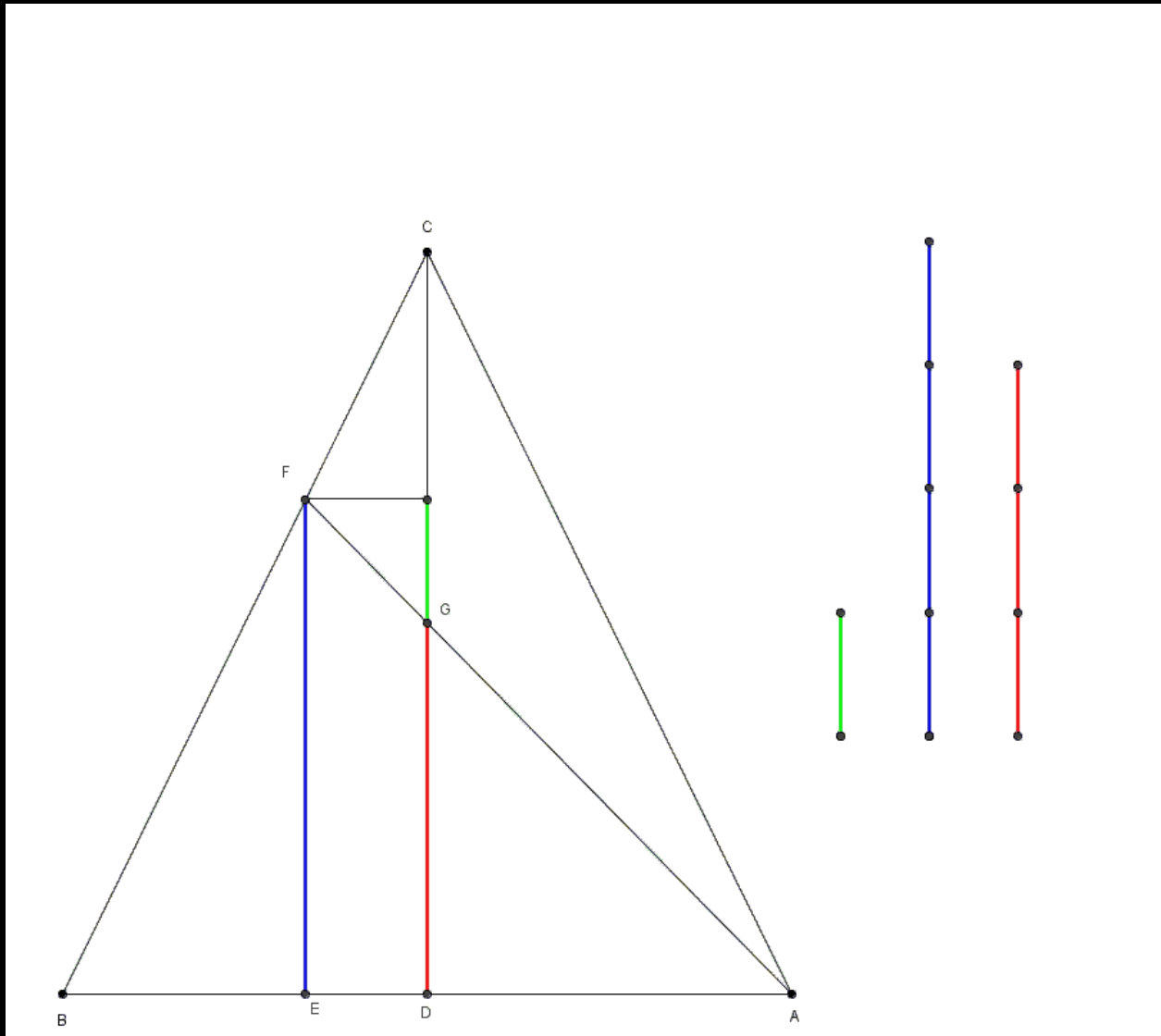


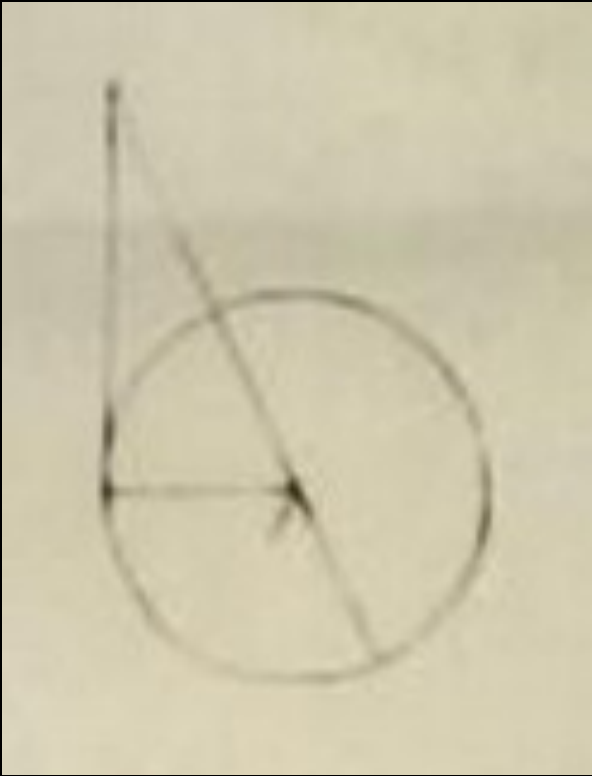


Elemento, I, 47





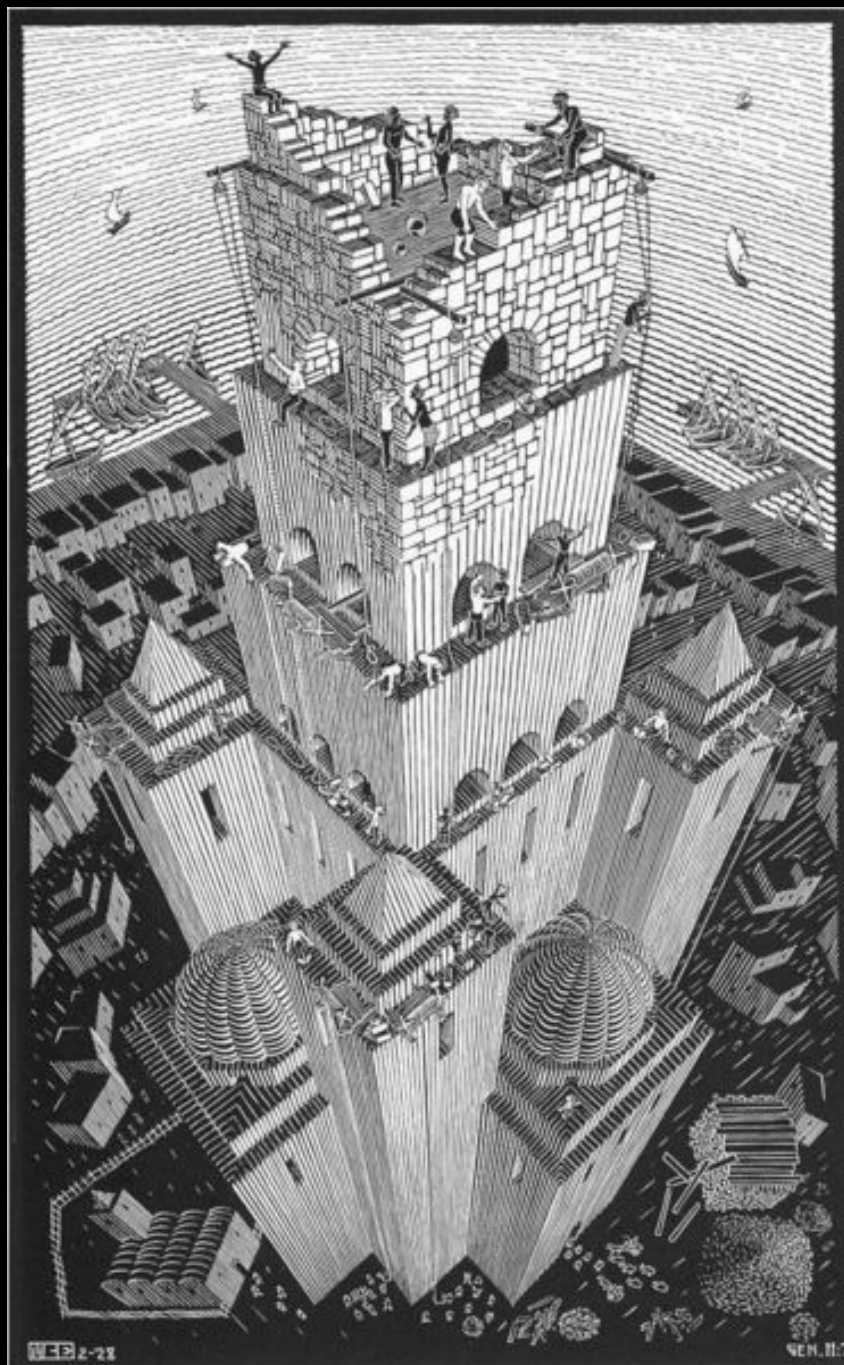


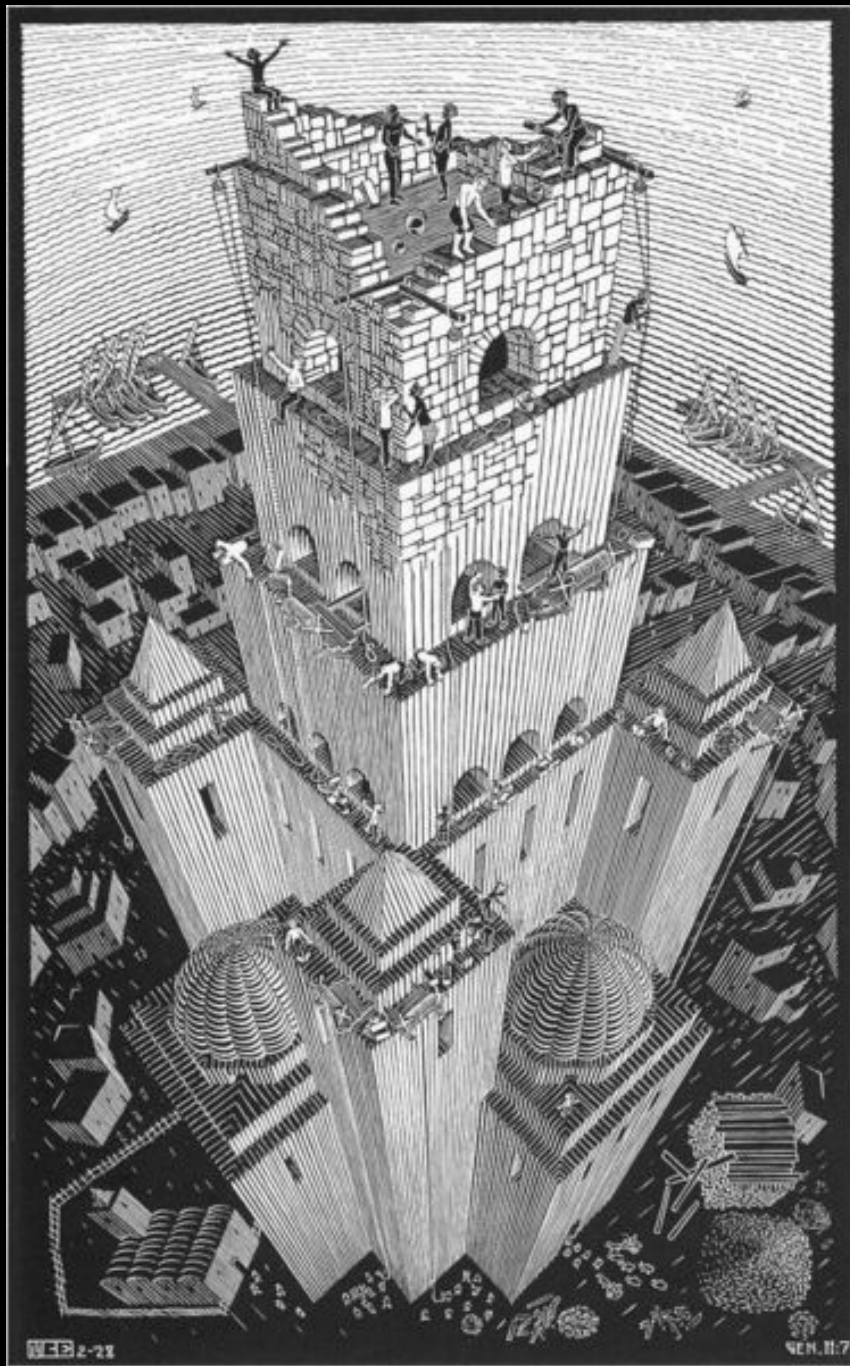


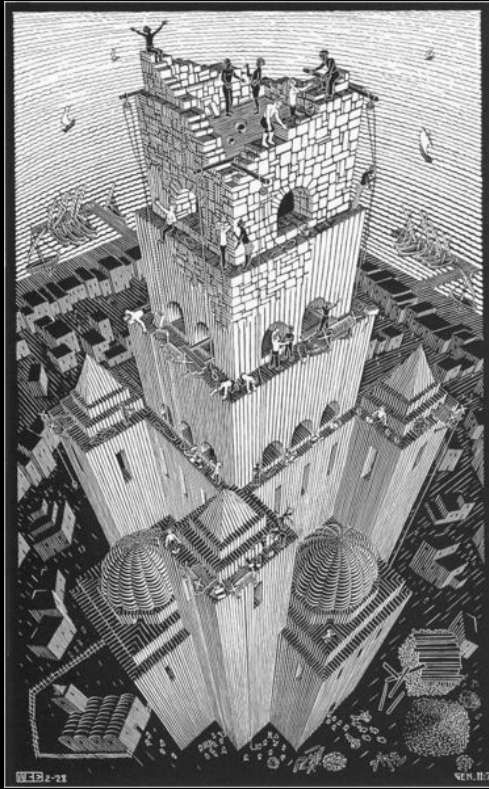
Perspective

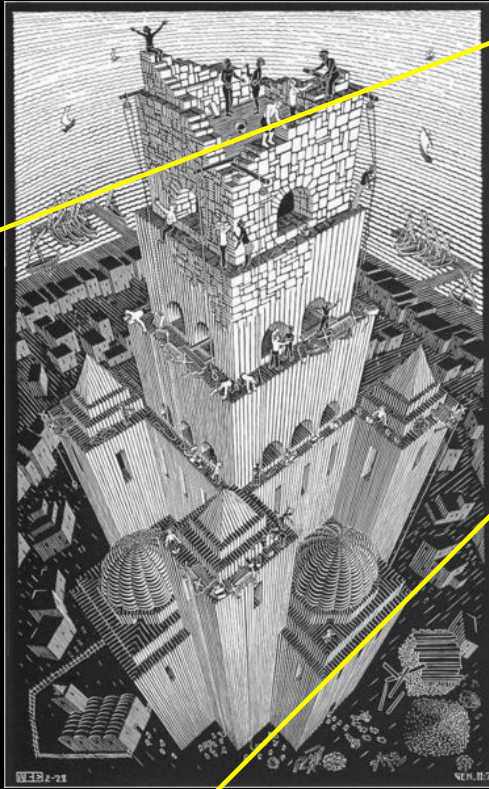
Tower of Babel (1928)

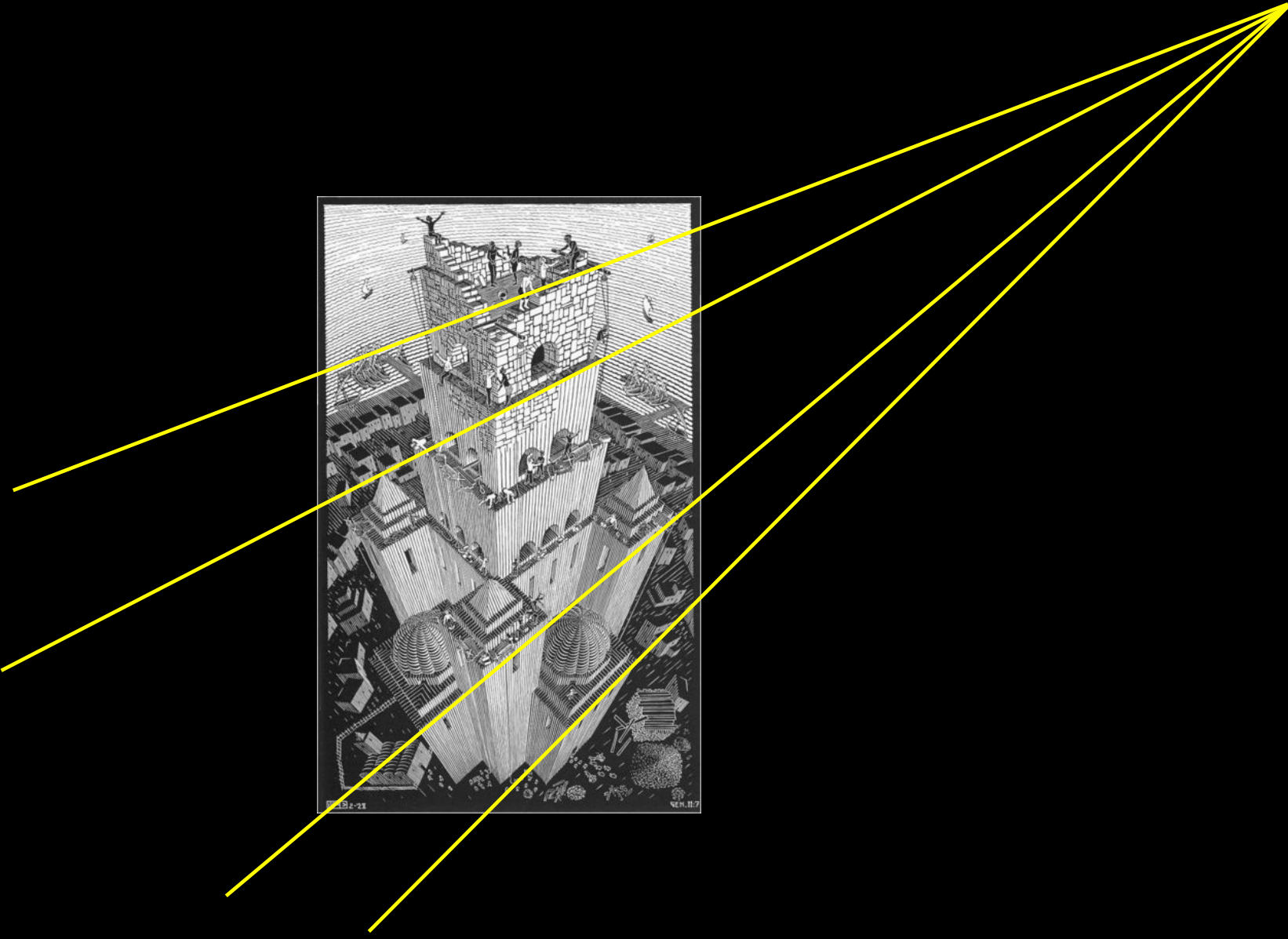
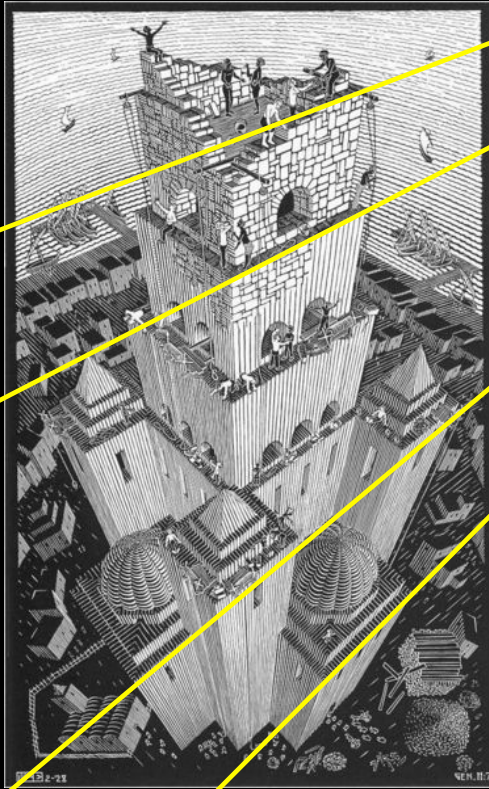
M.C. Escher (1898-1972)

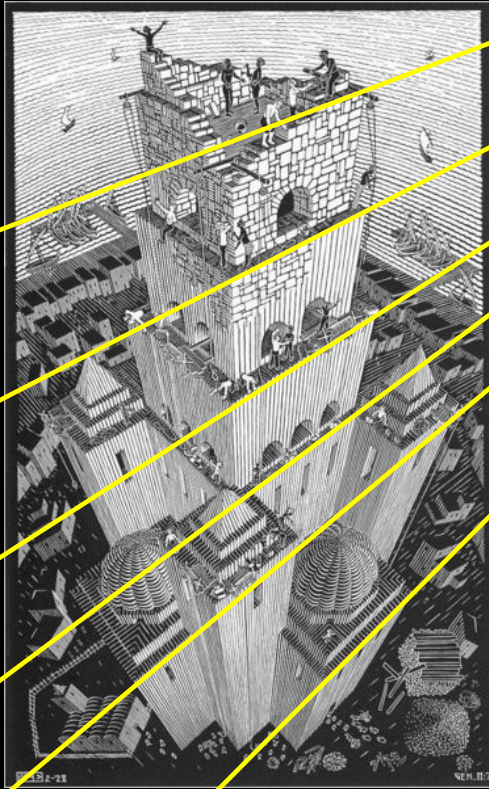


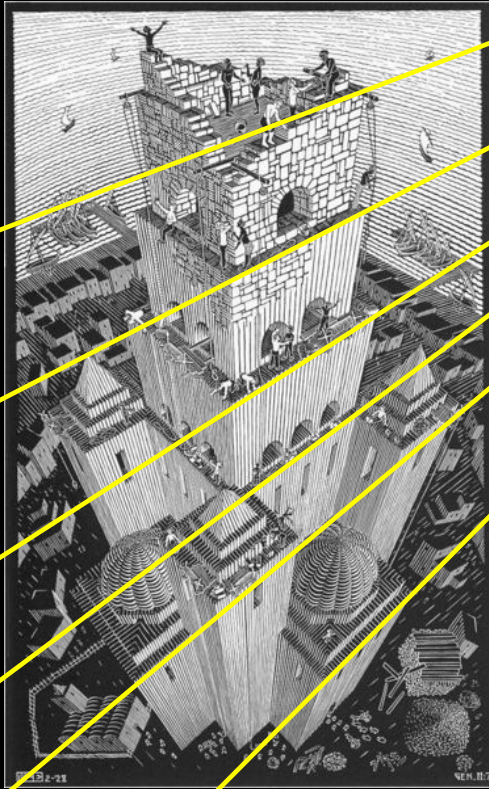


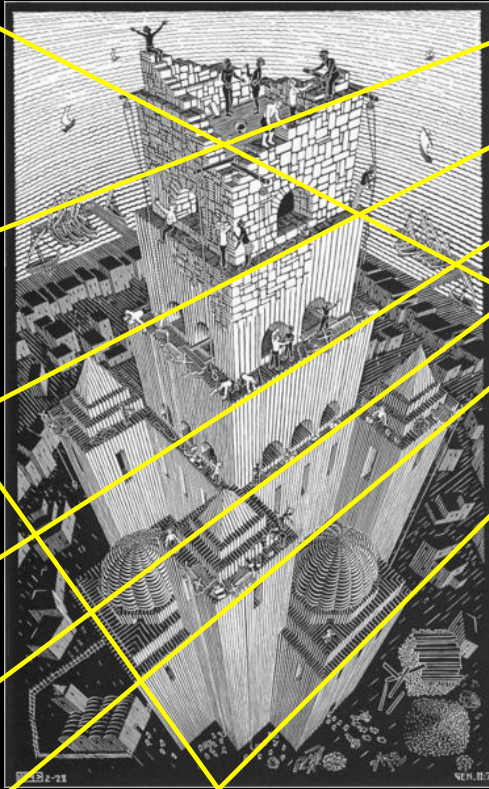


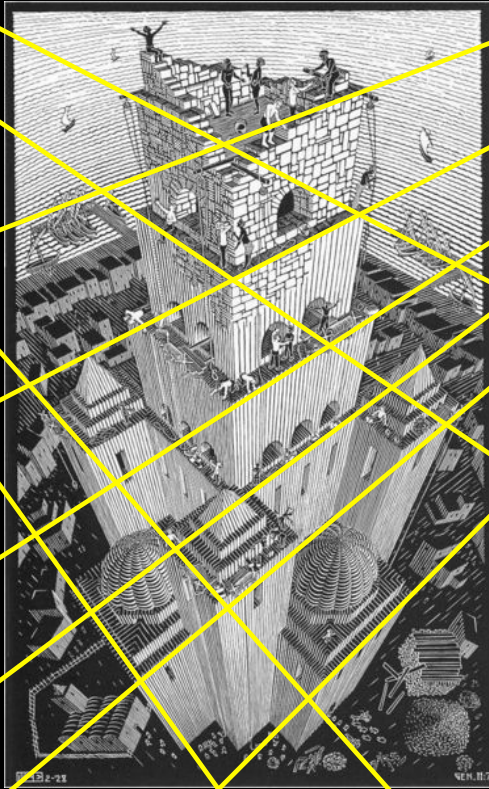


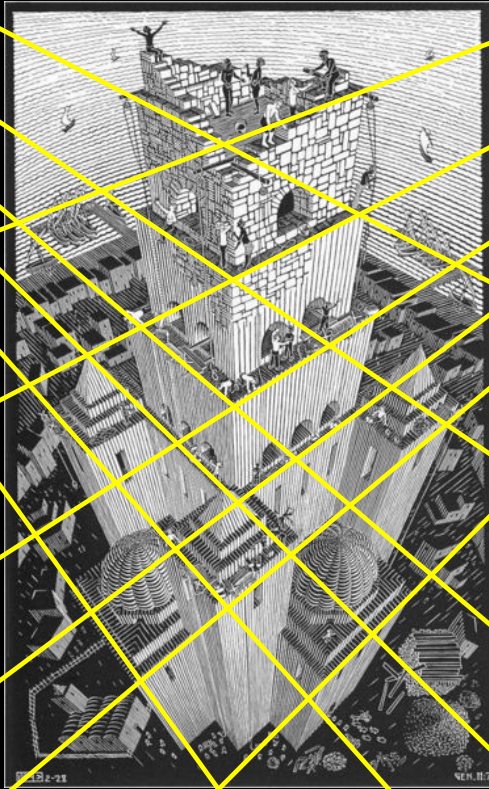


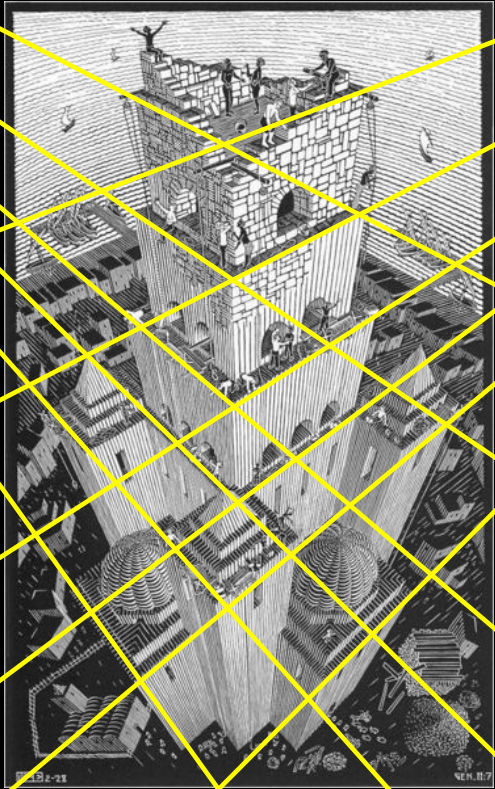
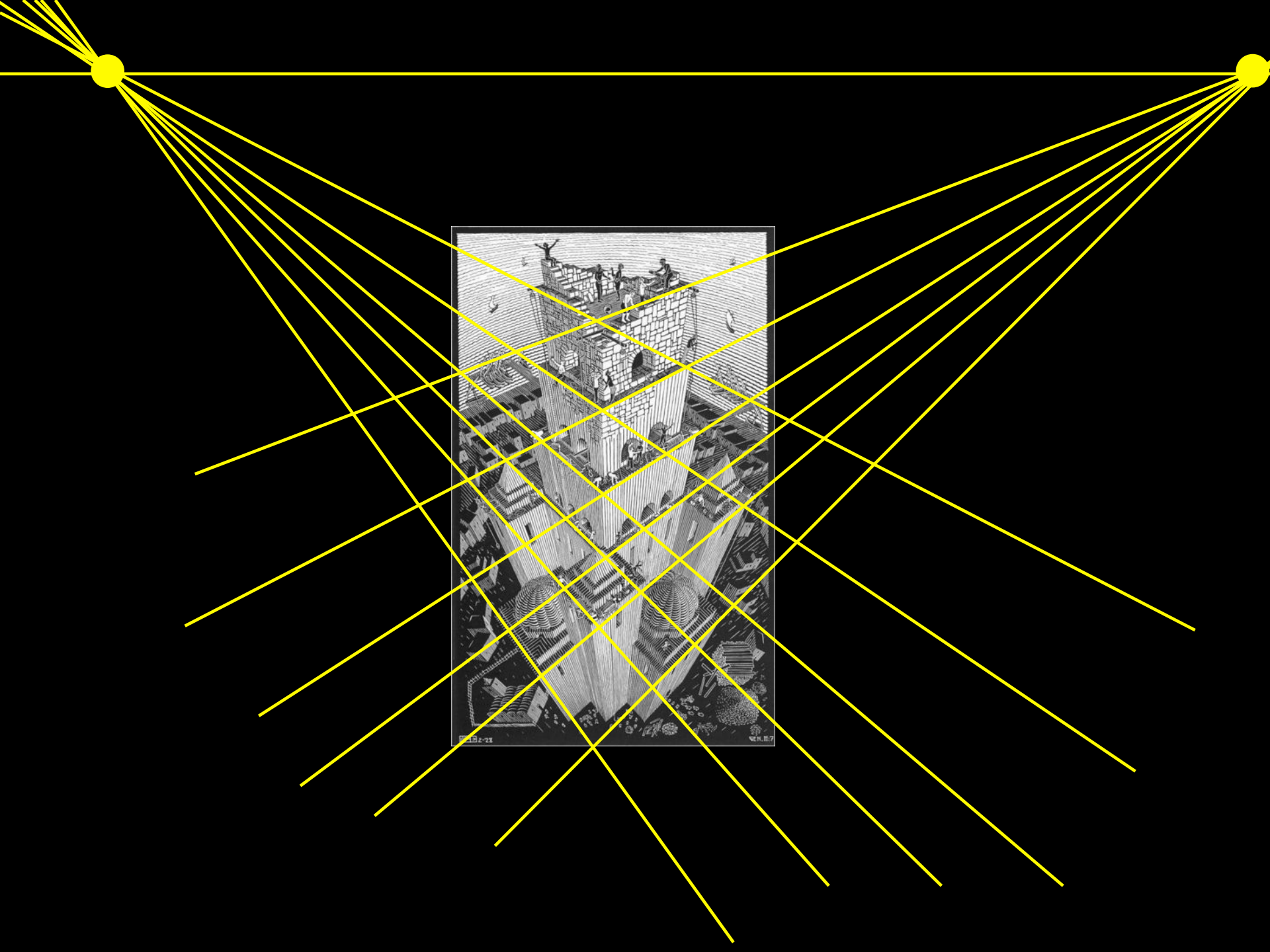


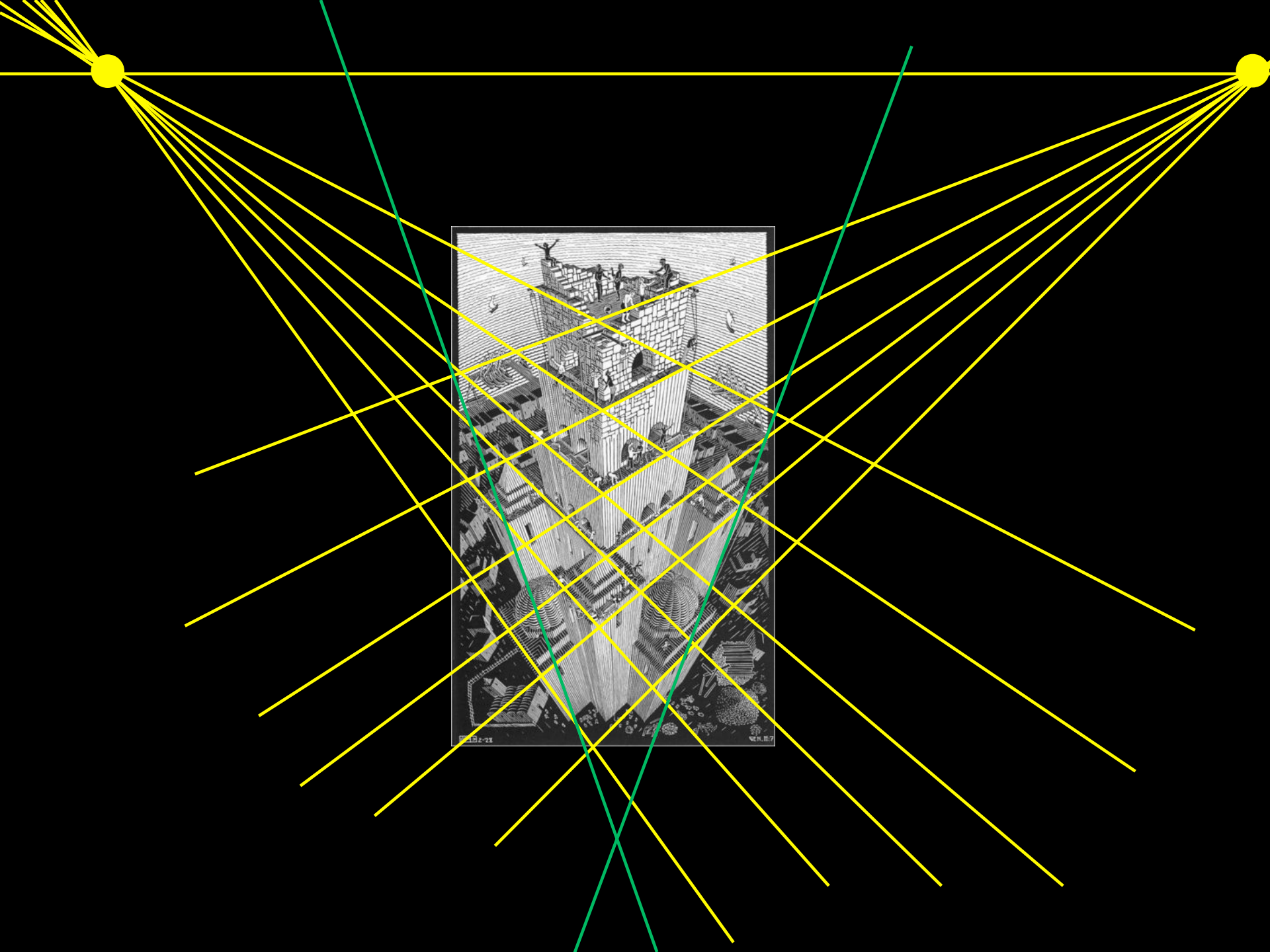


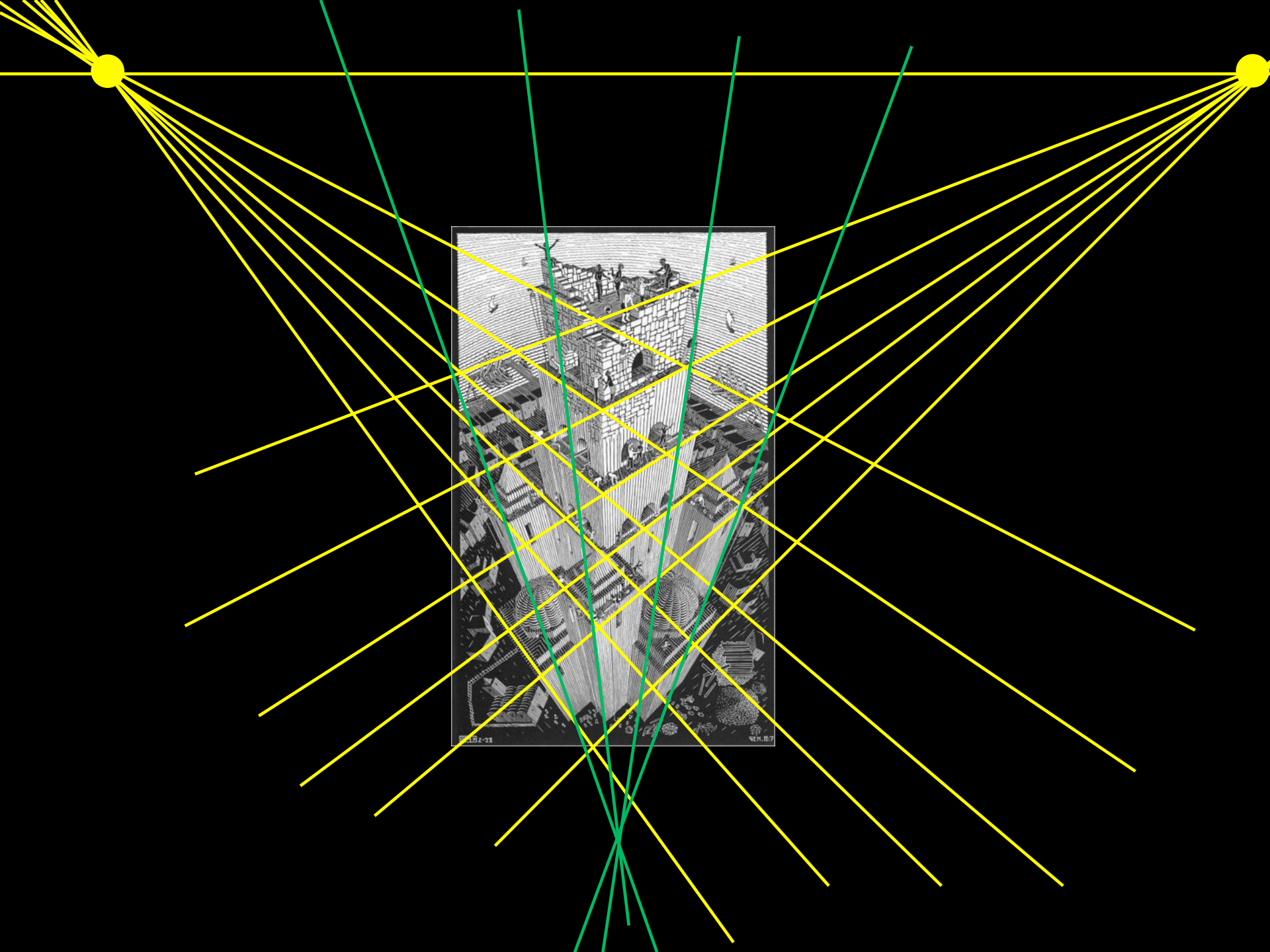


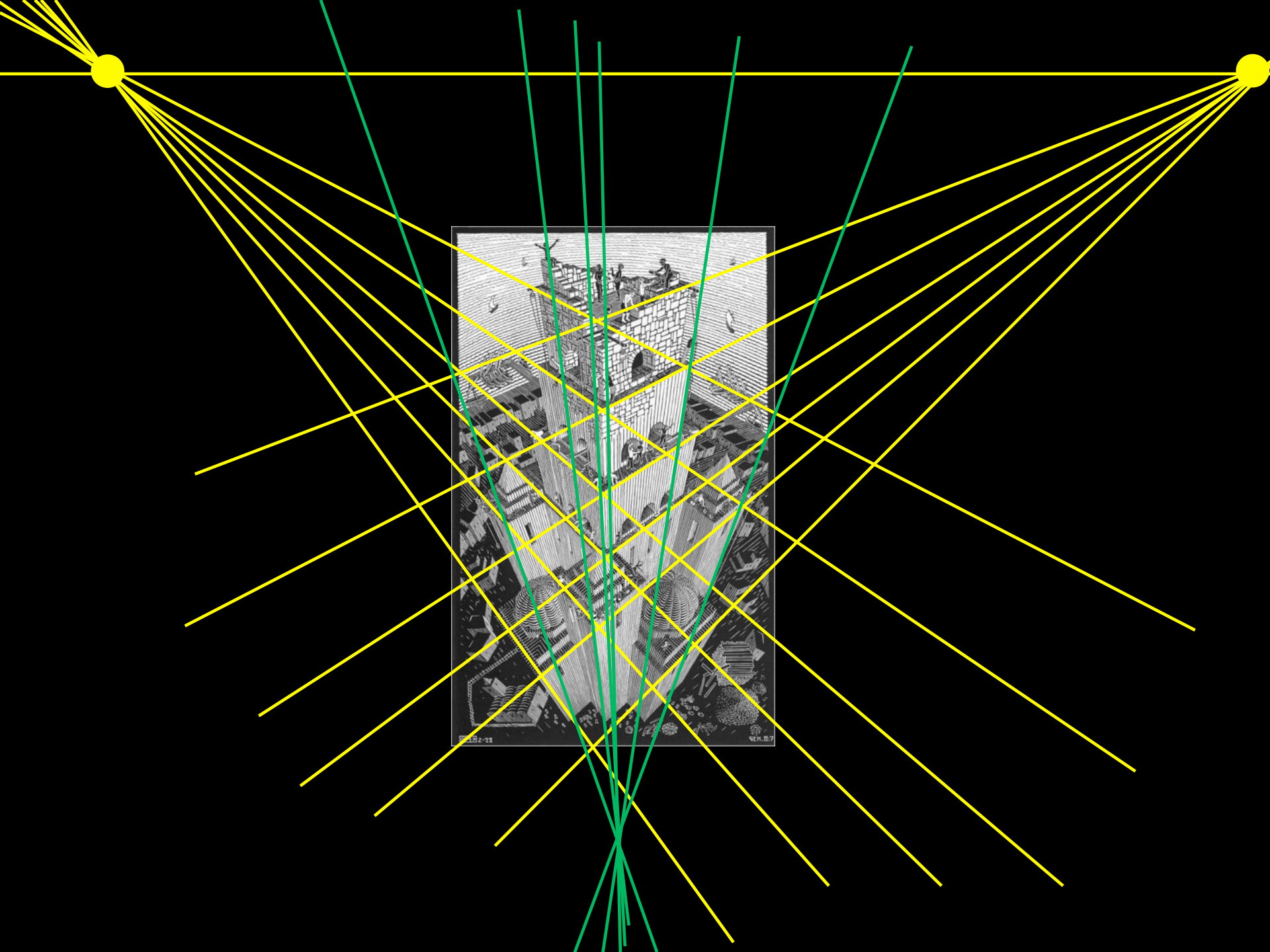


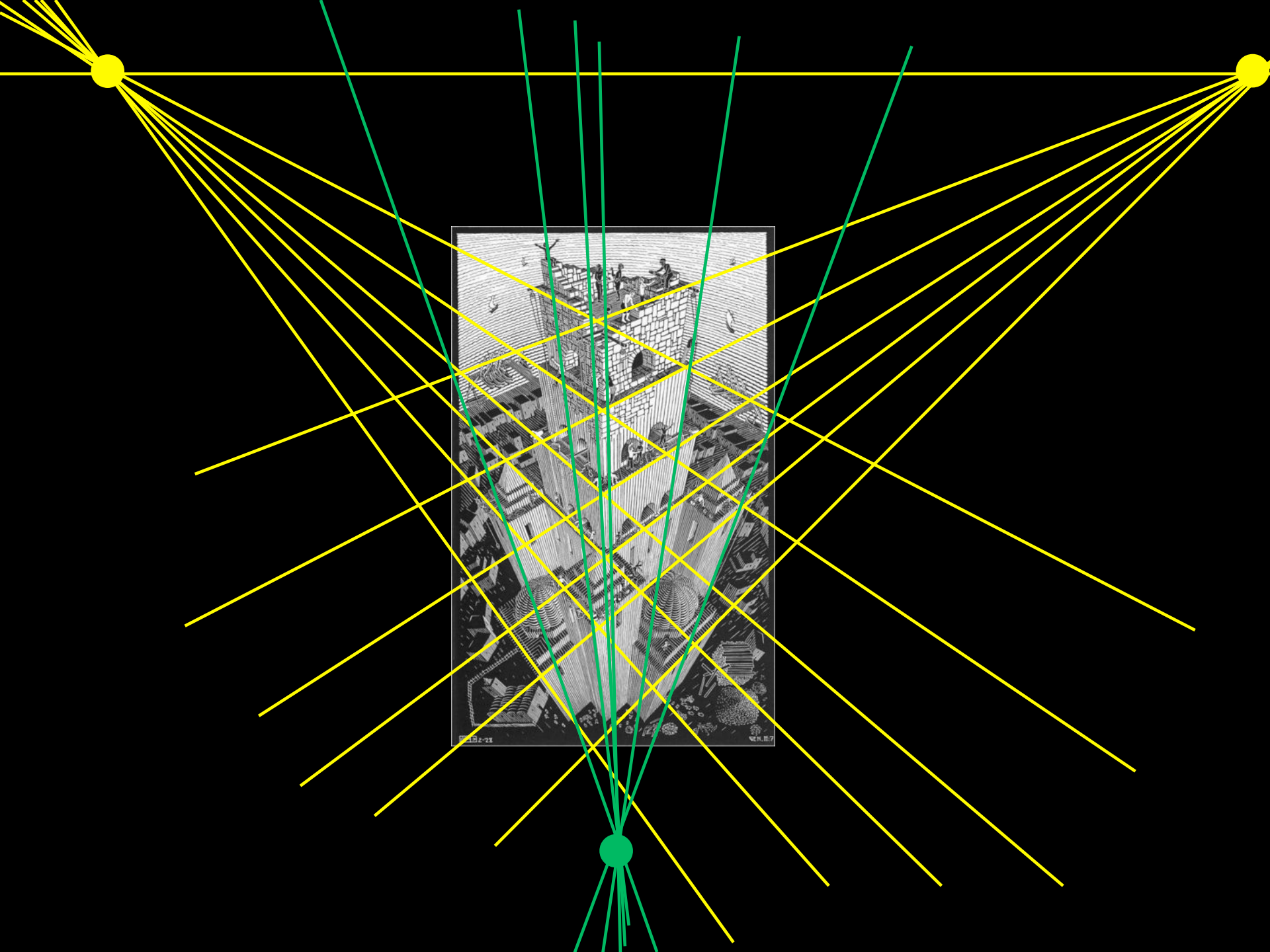














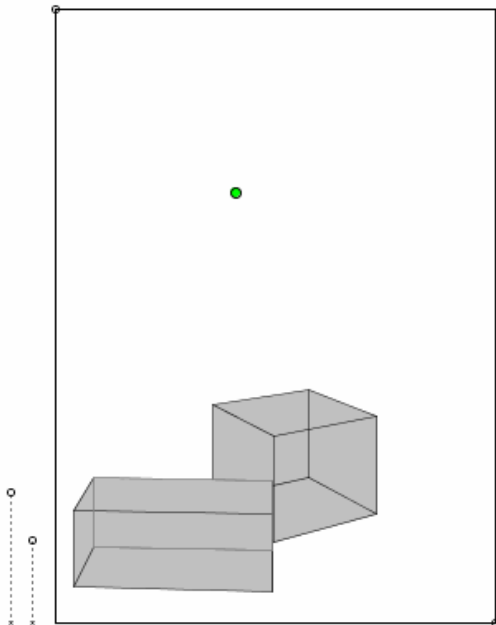
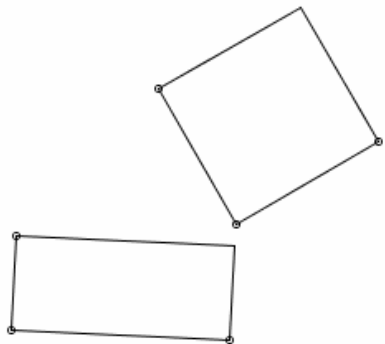
Back to De la Hyre....



**O painting inside the painting is self-referential
Geometry is useful for making the painting that exalts Geometry**



Is it a «perfect composition of perspectives?»





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