

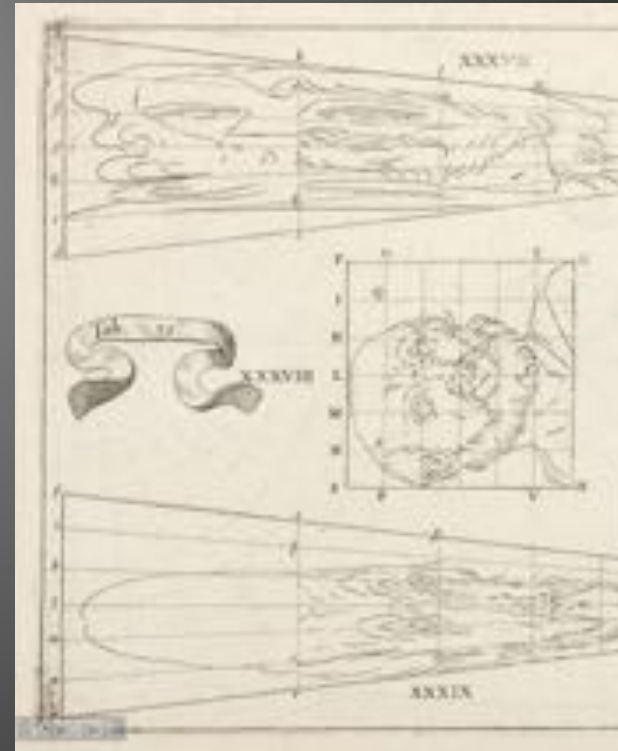
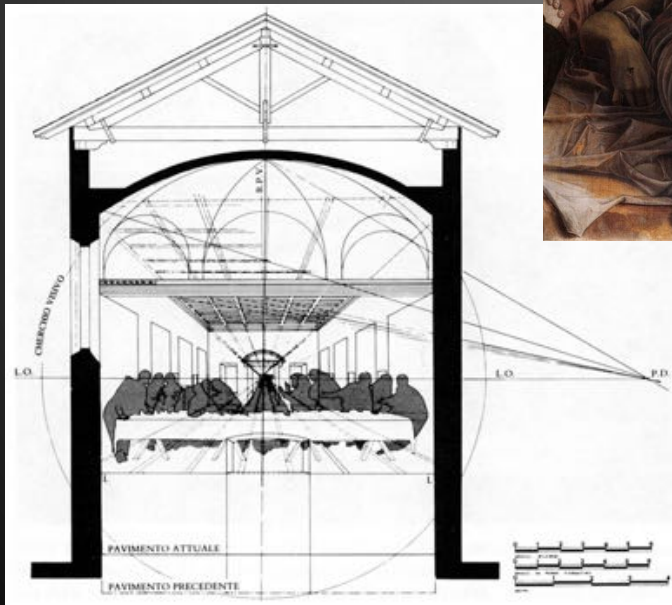
OLLI at Duke Fall 2015

Kris Door, lecturer kristinedoor.com

North Carolina Museum of Art Lectures: Tuesdays, 11:00-12:30

Da Vinci and Escher; the Science of Art

November 10: Perspective, Distortion, Metamorphosis



Fresco wall painting in a *cubiculum* (bedroom) from the Villa of Boscoreale, c. 40–30 B.C.; Late Republican Metropolitan Museum



Roman frescos from Boscoreale, 43–30 B C
Metropolitan Museum of Art



Circle of the Berlinghieri Family
Madonna and Child,
1230–1240
tempera and gold leaf on panel
NCMA



Giotto di Bondone, *Legend of St Joachim, Meeting at the Golden Gate*, 1305 Arena Chapel, Padua

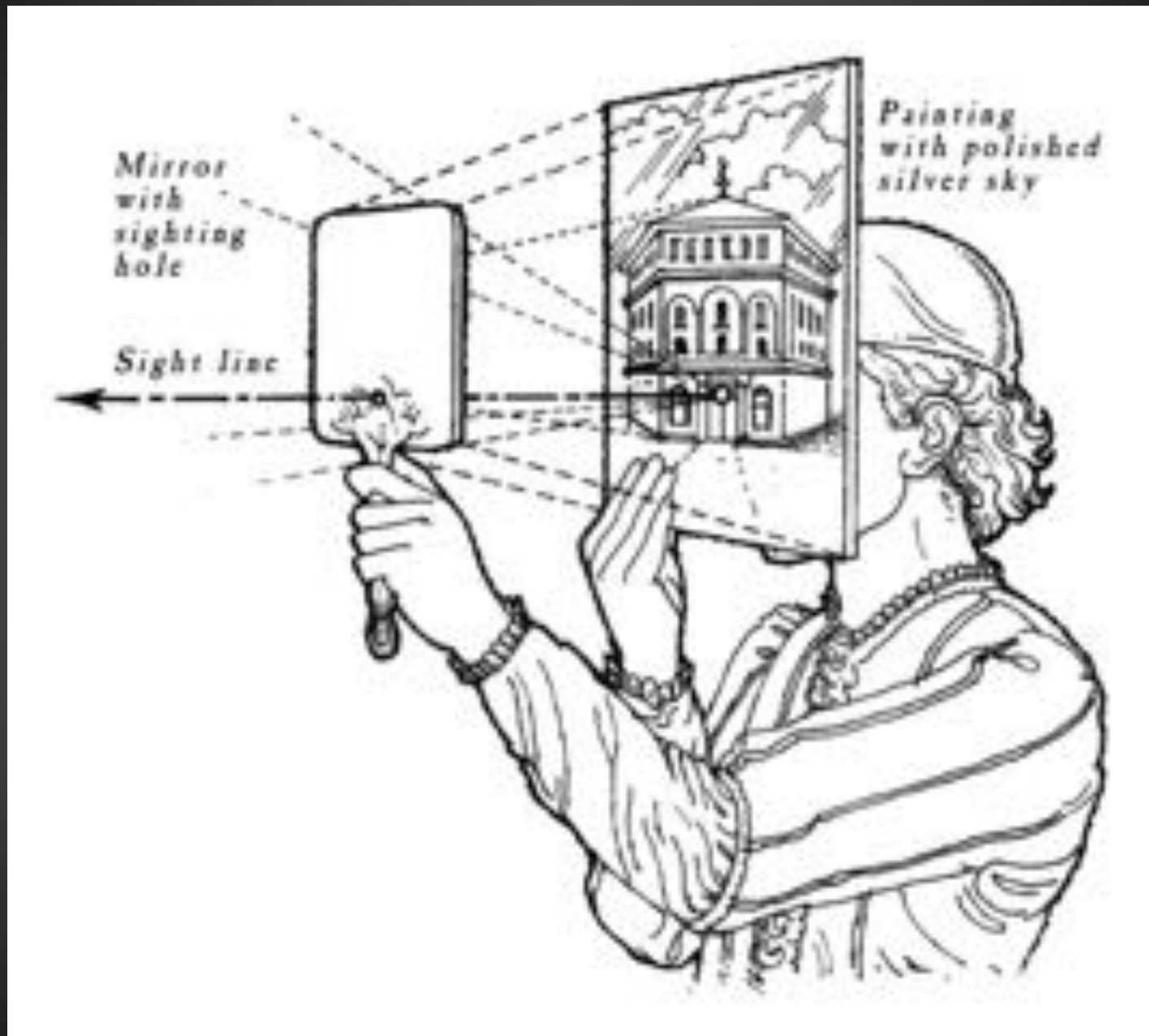












Masaccio (1401-1428)
Tribute Money, fresco
c. 1427
Brancacci Chapel,
Santa Maria del Carmine
Florence





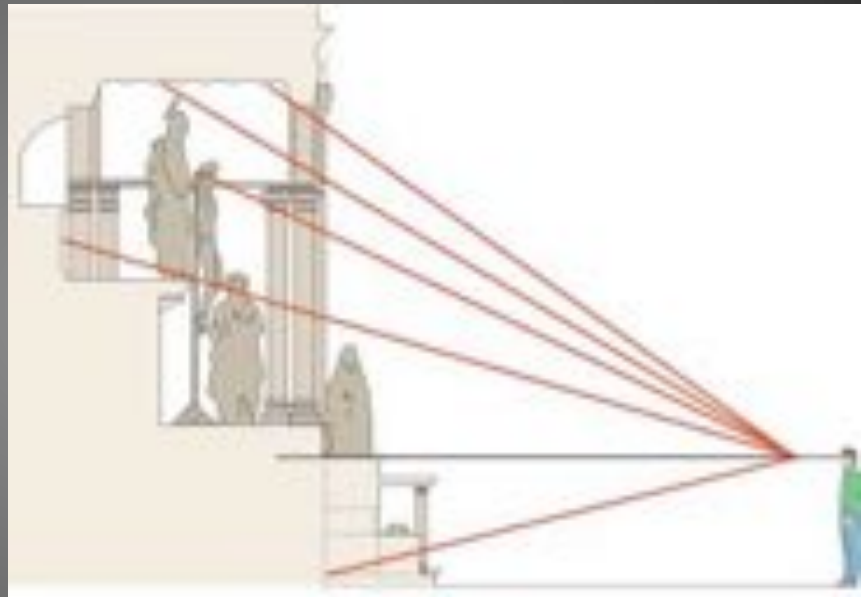




Masaccio, *Trinità*,
c. 1426–1428,
Santa Maria Novella,
Florence







THE
ARCHITECTURE
OF
LEON BATTISTA ALBERTI
IN TEN BOOKS
OF PAINTING
IN THREE BOOKS
AND
OF STATUARY
IN ONE BOOK
TRANSLATED INTO ITALIAN BY
COSIMO BARTOLI

AND NOW FIRST INTO ENGLISH,
AND DIVIDED INTO THREE VOLUMES

BY

JAMES LEONI,

VENETIAN, ARCHITECT; TO WHICH ARE ADDED SEVERAL DESIGNS
OF HIS OWN, FOR BUILDINGS BOTH PUBLIC AND PRIVATE.

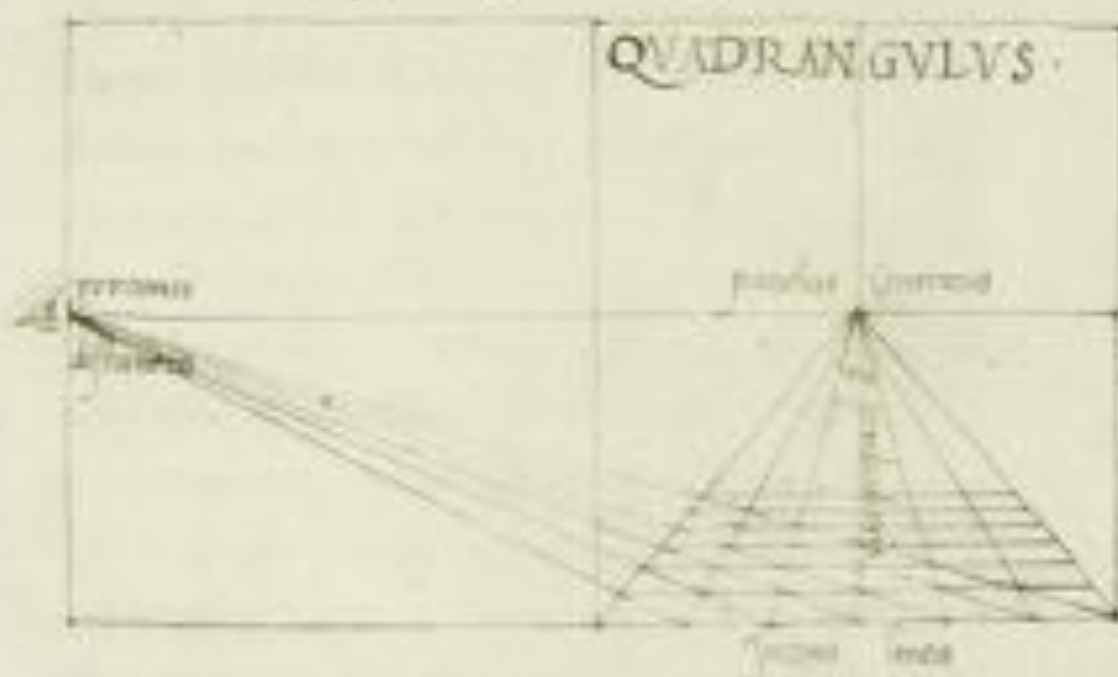
VOL. I



London, Printed by THOMAS EDLIN:
M. DCCXXVI

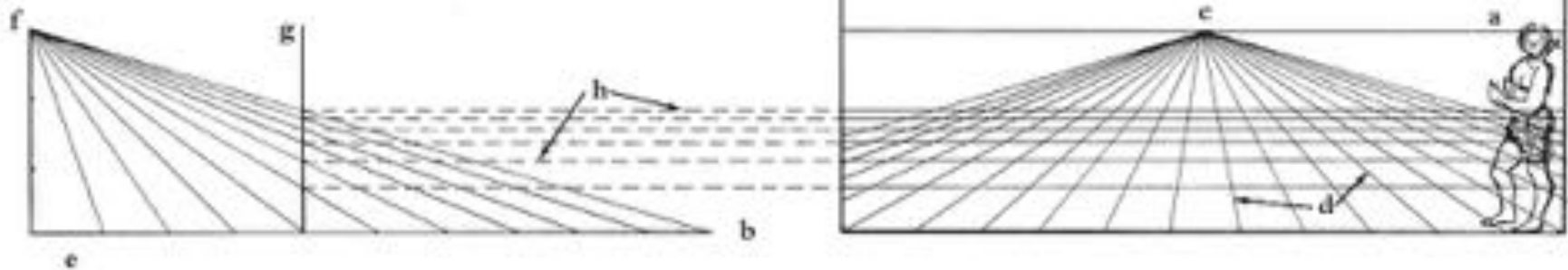
limentum Anthonem ad singulas saccorum lines de
 impensis prosequer. Sed ut successuum quantitatibus
 evanesceret hunc modum seruo

Ars Positionis plani projectiva



Habere Aequalum in qua deinde lineam unam vertice hanc
 deinde q. 100 partes in qua vertice hanc quadrangulo hanc
 et deinde pone partem ab hanc hanc unam unam ad

235. Design of Alberti's Perspective Construction,
according to recent discoveries
a. height of human being b. base line c. vanishing point
d. orthogonals e. "little space" f. distance point
g. vertical intersection h. transversals

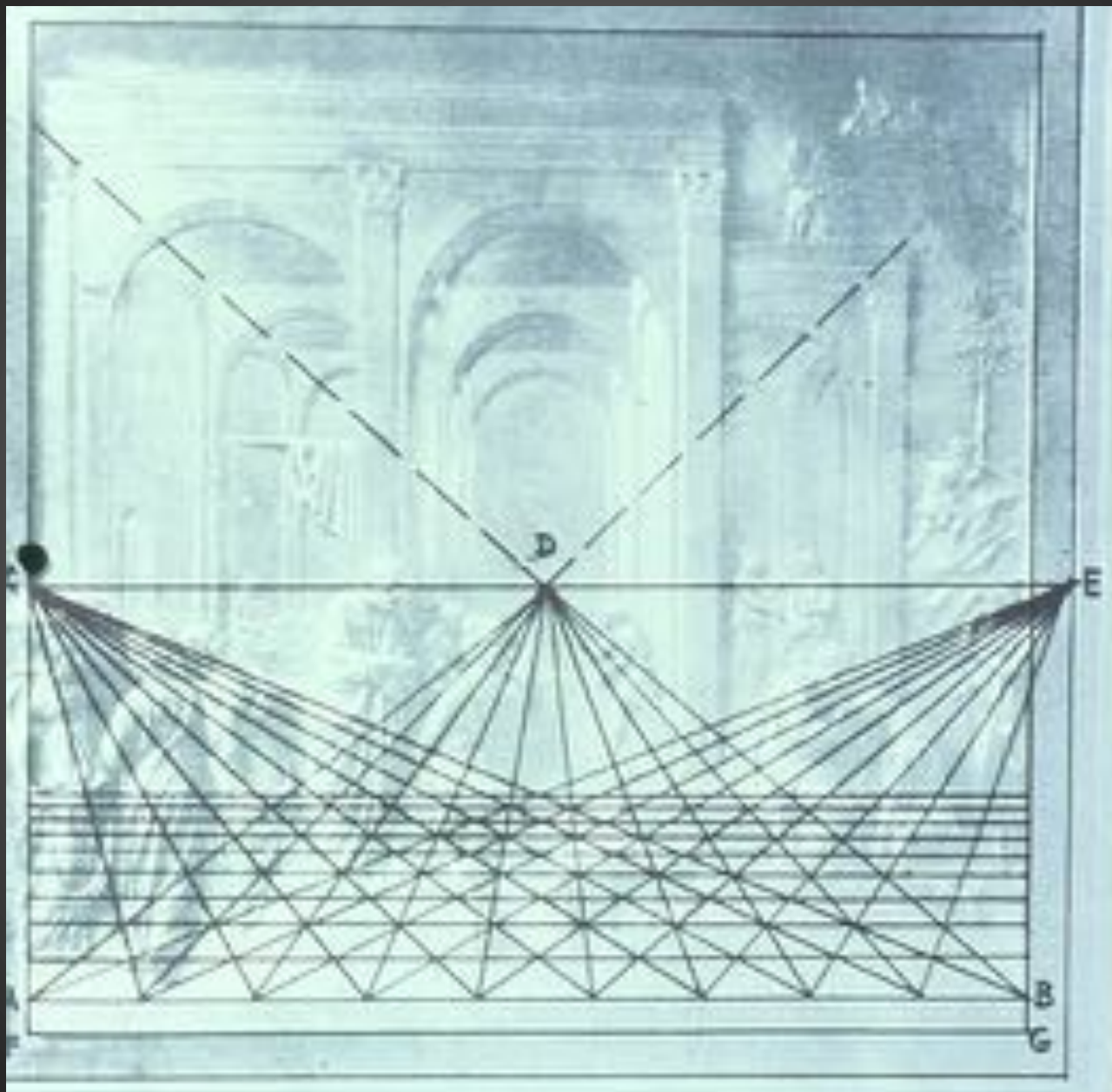






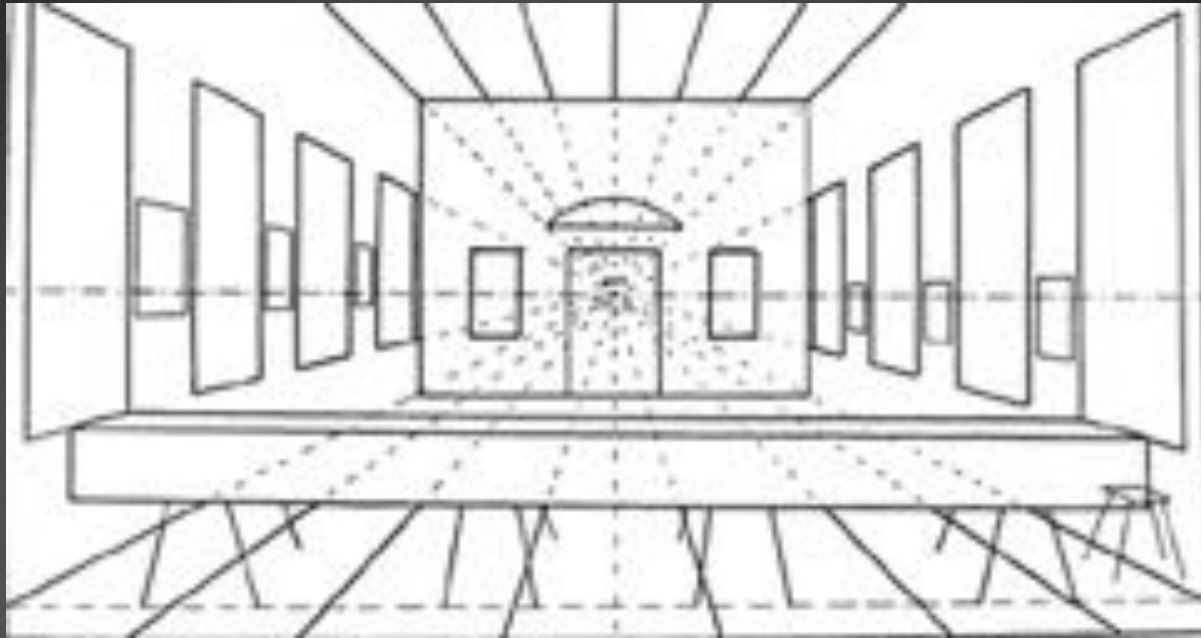
Lorenzo Ghiberti (Italian, 1378–1455), *Jacob and Esau Panel*, from *Gates of Paradise*, 1425–52, Gilt bronze Museo dell'Opera del Duomo.

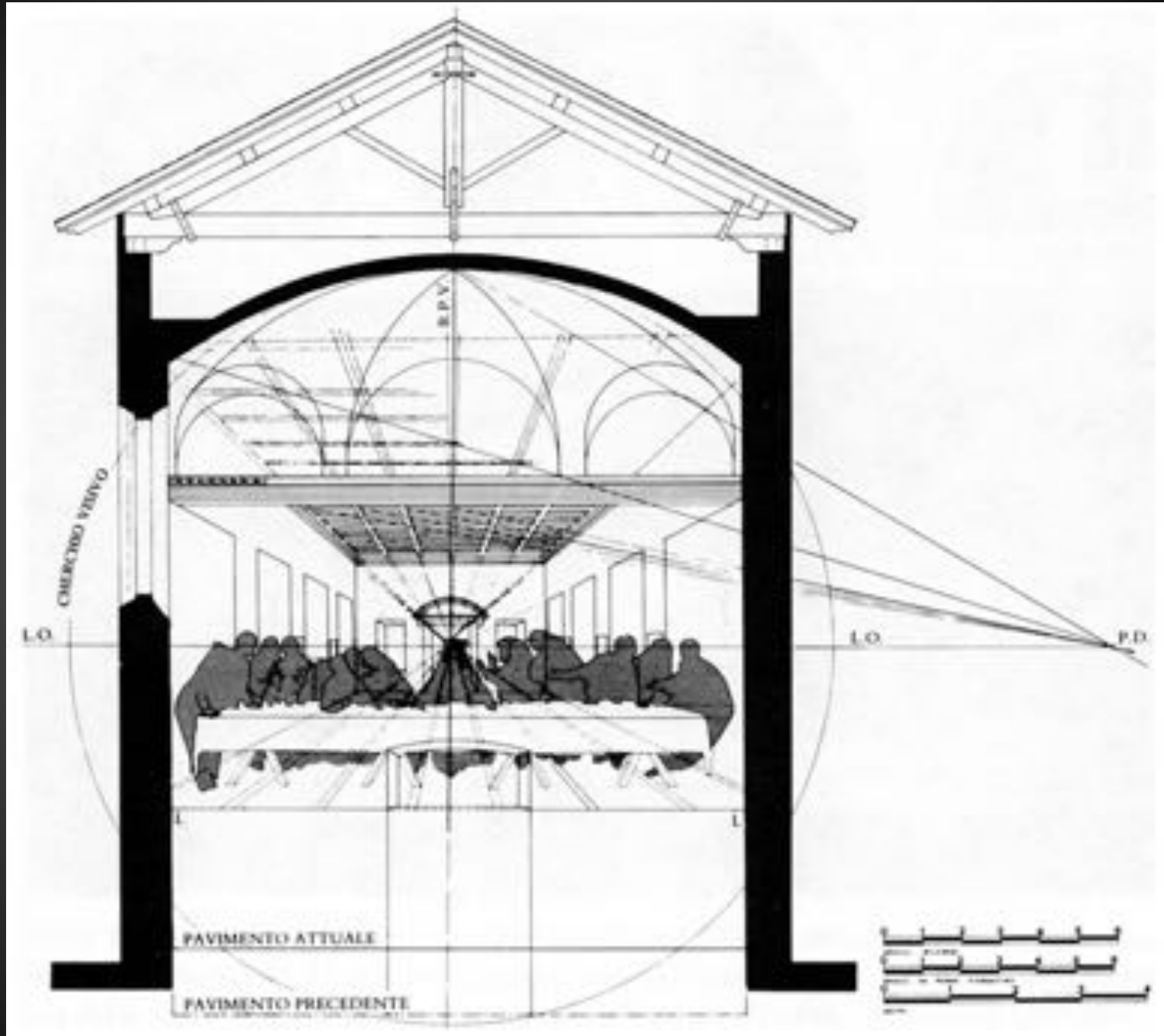




Leonardo da Vinci, Italian (1452-1519) *Last Supper*, 1494-1498, Tempera on gesso, pitch and mastic, Santa Maria delle Grazie, Milan









Raphael, *School of Athens* (Philosophy) 1510-1511





Andrea Mantegna, *The Lamentation over the Dead Christ*, c. 1480
tempera on canvas Pinacoteca di Brera, Milan









The Virgin of the Rocks,
Louvre version, c.1483-86





Self Portrait in a Chair, 1920
Woodcut. 168mm x 195mm.



Master of the Latour d'Auvergne Triptych

The Annunciation with Saints and Donors, c.1497 Oil on panel NCMA



Albrecht Durer, *Draughtsman Drawing a Recumbent Woman*, 1525
Woodcut



Albrecht Durer, *Draughtsman Drawing a Lute*, 1525 Engraving



Filippino Lippi.
*Madonna and Child
Enthroned with St John the
Baptist, St Victor, St Bernard
and St Zenobius, 1486*
Tempera on panel, Uffizi



Bernardino Lanino,
*Madonna and Child Enthroned with
Saints and Donors*, 1552
Oil on panel NCMA

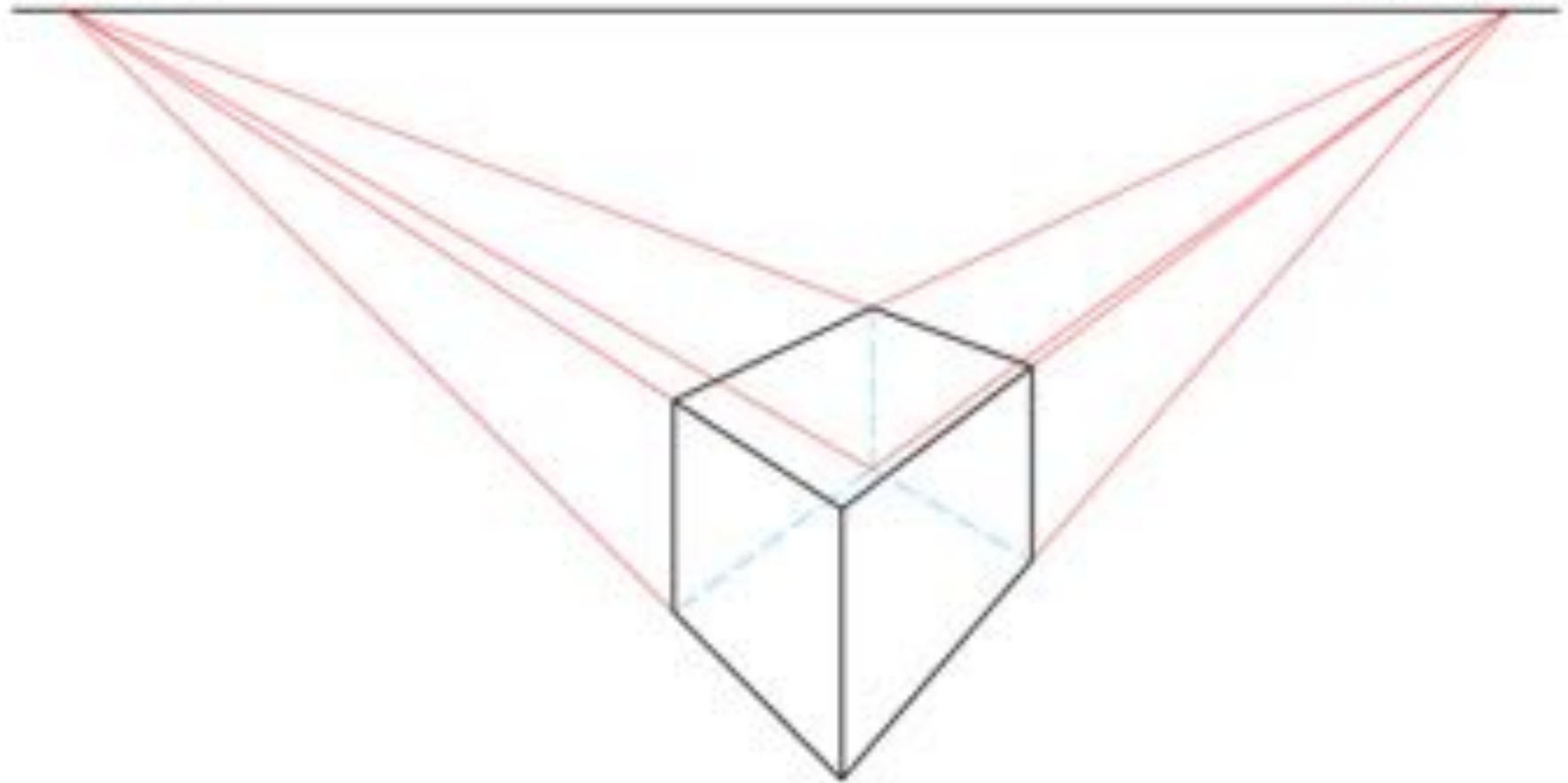


Titian, *Pesaro Madonna*,
1519–15
Oil on canvas
Santa Maria Gloriosa dei Frari,
Venice



Vanishing Point

Vanishing Point





Tintoretto, The Last Supper, 1592-94,
Oil on canvas Basilica of San Giorgia Maggiore, Venice





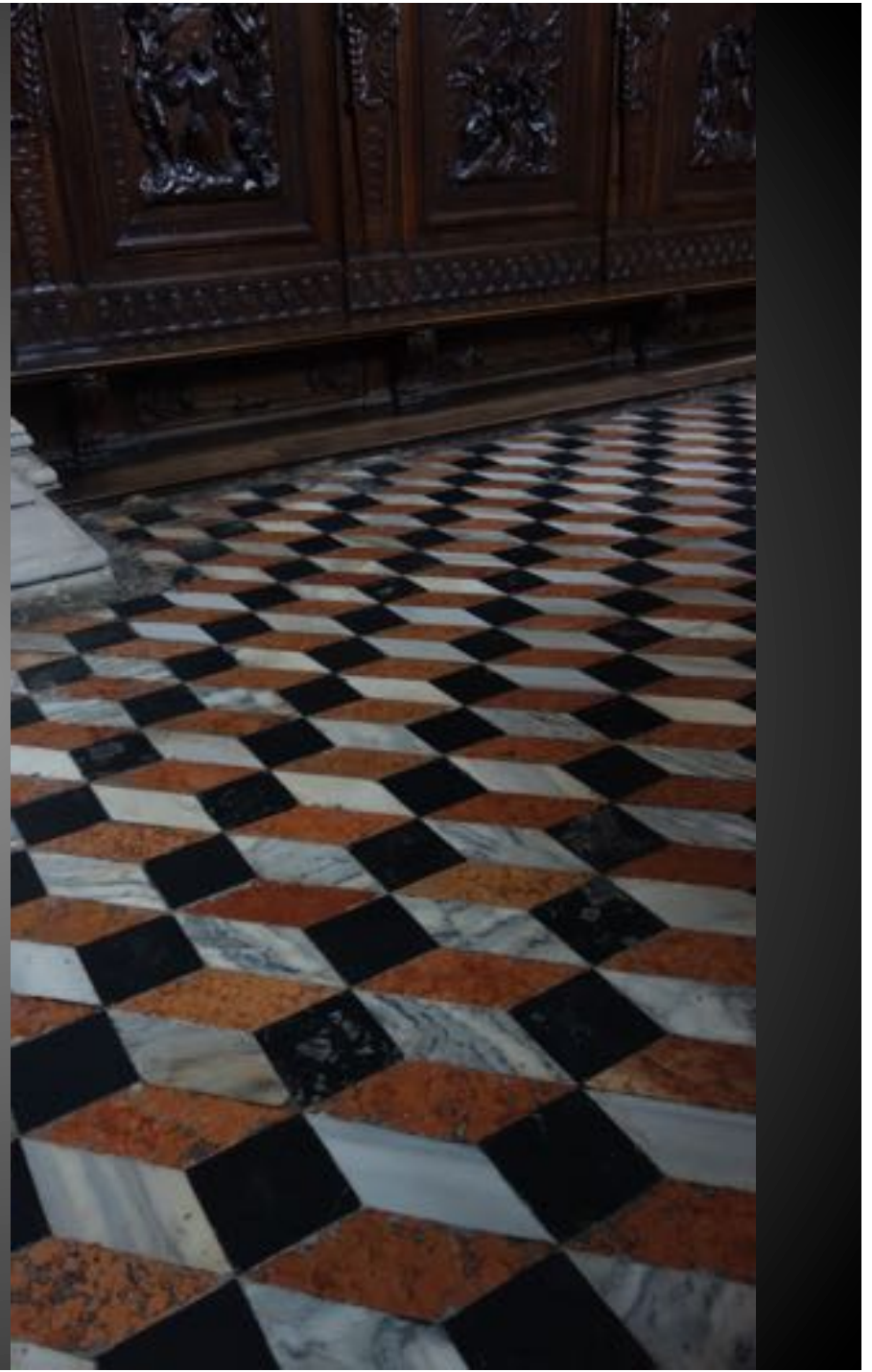
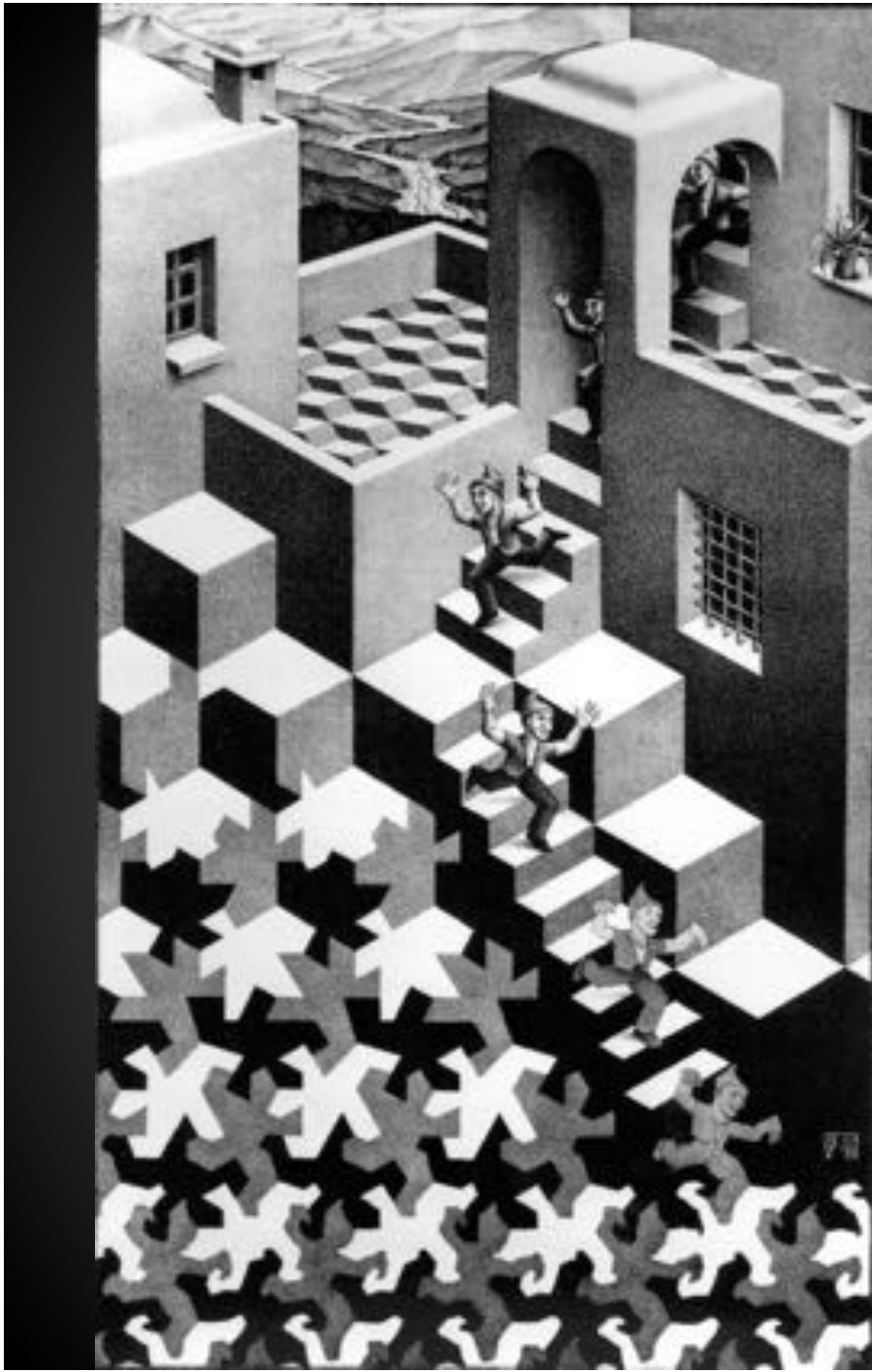
Leonardo da Vinci, Italian (1452-1519) *Last Supper*, 1494-1498, Tempera on gesso, pitch and mastic, Santa Maria delle Grazie, Milan











Domenico Tintoretto, Italian (1518-1594), *The Rising of Lazarus*, 1585-90, Oil on Canvas NCMA







Jaume Plensa, *Together* (2014) and *Mist* (2014)
Installation view San Giorgio Maggiore (2015)





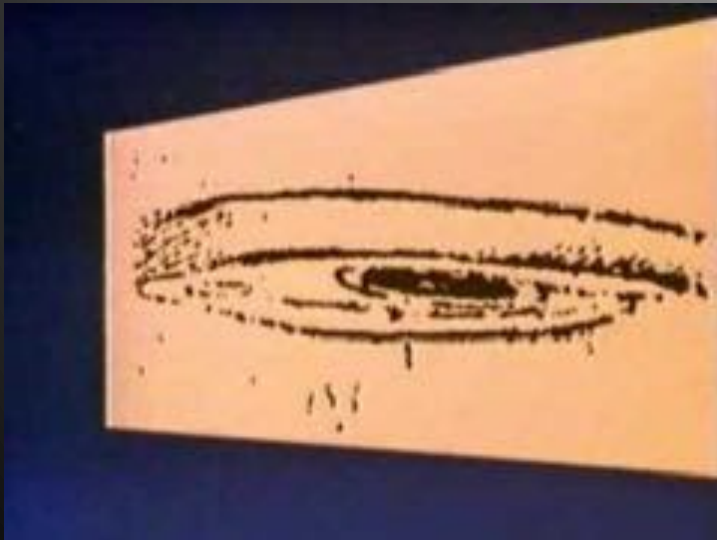
Andrea Pozzo, painted ceiling in the Church of St. Ignazio, 1685-94







Leonardo da Vinci,
*Anamorphosis, study of
eye, with juvenile face,*
Codex Atlanticus, folio 98r,
*Veneranda Biblioteca
Ambrosiana.*



Hans Holbein the Younger, *The Ambassadors*, 1533,
Oil on oak, National Gallery, London





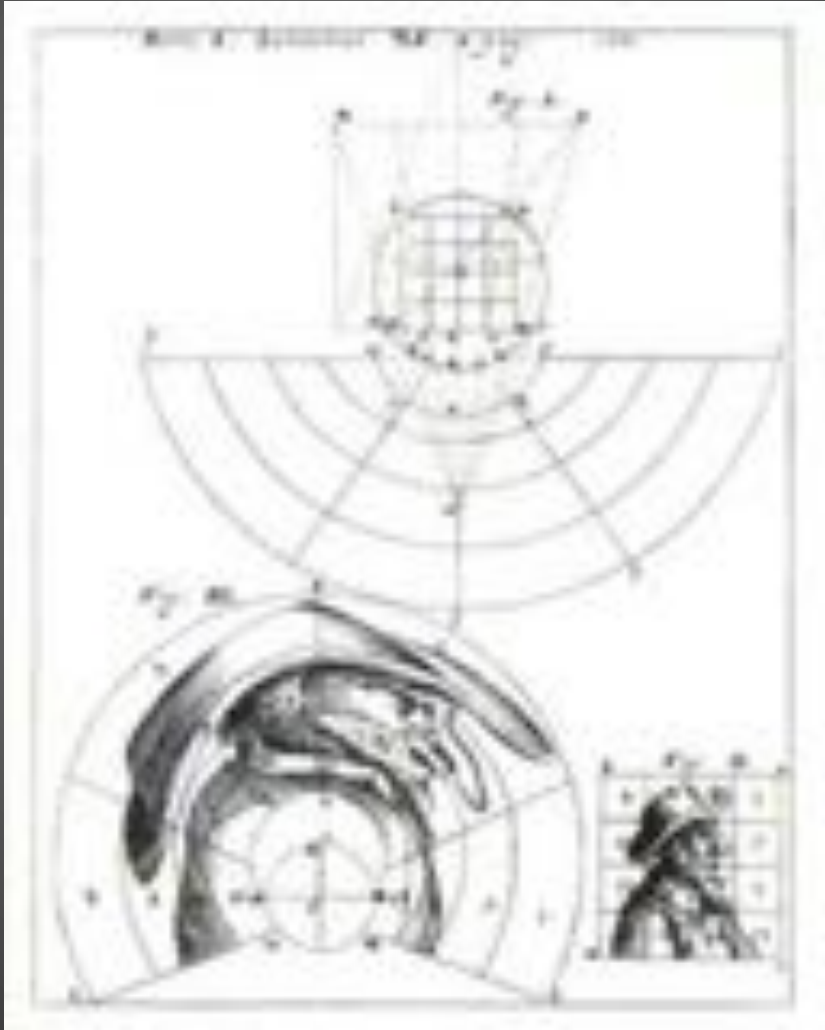


Informational text on a small white plaque to the left of the painting.

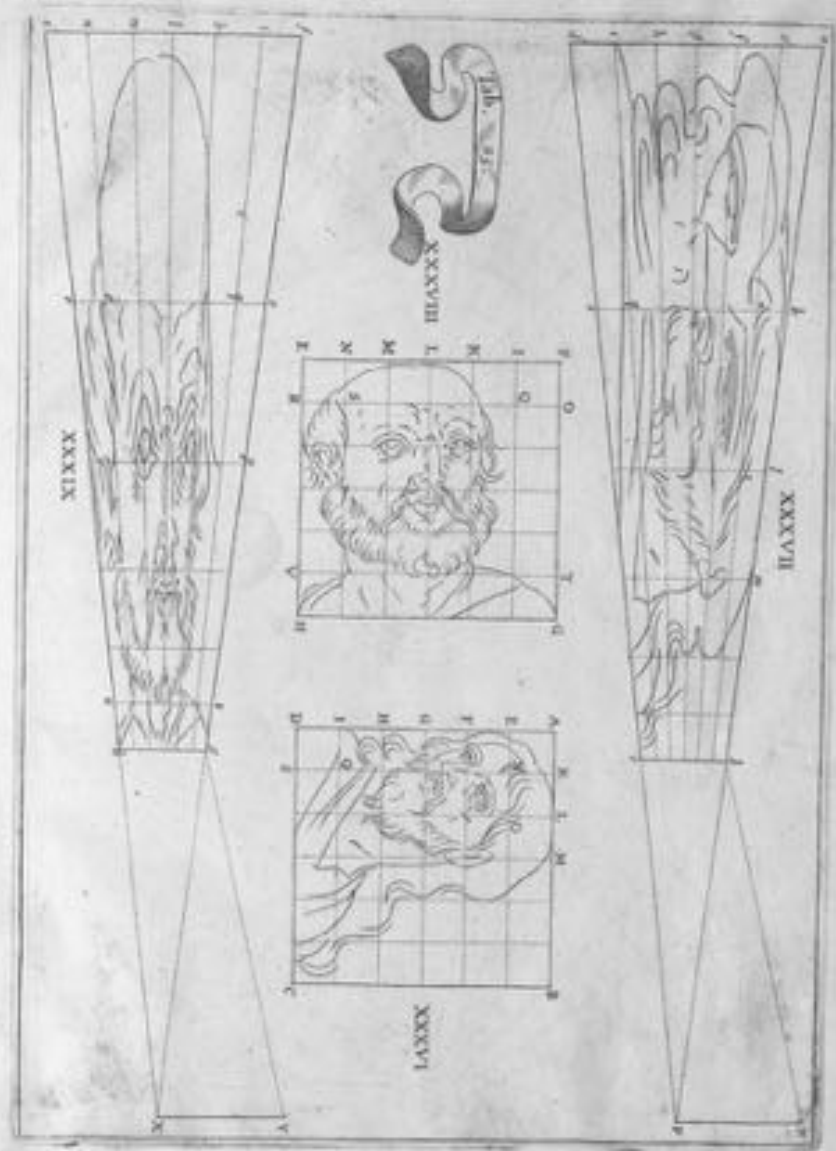
Informational text on a small white plaque to the right of the painting.

Example of mirror anamorphosis





Plane anamorphosis by
Jean Francois Niceron,
1638.



LA
PERSPECTIVE
CVRIEVSE

DU
REVEREND P. NICERON
MINIME

DIVISEE EN QUATRE LIVRES.

AVEC
L'OPTIQUE ET LA CATOPTRIQUE
du R. P. MERSENNE du mesme Ordre, mise en
lumiere après la mort de l'Authcur.

OEUVRE TRES-VTILE AVX PEINTRES,
Architectes, Sculpteurs, Graveurs, & à tous autres
qui se meslent du Dessin.



A PARIS,
Chez IEAN DV PVIS, ruë Saint Iacques,
à la Couronne d'or.

M. DC. LXIII.
AVEC PRIVILEGE DV ROT.



R. P. Ioannes Franciscus Niceron ex Ordine Minimorum, egregius arithmetice
et angulari Mathematicae peritus celeberrimus obiit Aquis Sextijs 22 Septembris an Dni 1646. Aetatis
Fere quadraginta sex annorum, quibus vivit
Anno tibi quod fuit sub Niceronis orat.



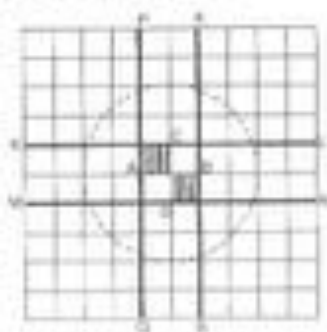
M.C. Escher
Balcony, lithograph, 1945



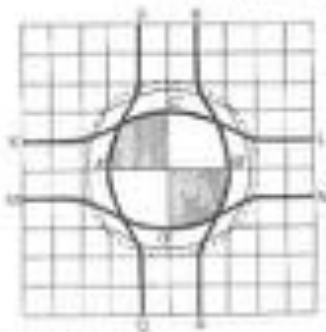
07. *Balcony*, lithograph, 1945



08. *Balcony* before the center was blown up



09-10. The construction of the grid for the blow-up of the center



11. The blow-up center

Carel Fabritius, *View of Deft*, 1652, Oil on canvas National Gallery, London



Samuel Dirksz van Hoogstraten,
View of a Corridor, Dyrham Park, 1662



Pieter de Hooch, *The Fireside*, c. 1670-1675, Oil on canvas NCMA



Samuel Dirksz van Hoogstraten,
*A Peepshow with Views of
the Interior of a Dutch House*,
1655-60
National Gallery, London



left end view



view through right peephole



Jan van Eyck (1395-1441)
*Portrait of Giovanni Arnolfini and
his Wife*, 1434
Oil on oak,
National Gallery, London





Parmigianino,
*Self-portrait in a
Convex Mirror*,
c. 1523–1524
Kunsthistorisches
Museum, Vienna





M.C. Escher
Hand with Reflecting Sphere,
1935, Lithograph.



Pieter Claesz, *Vanitas Still Life with Self-Portrait*, 1628
National Museum, Nuremberg



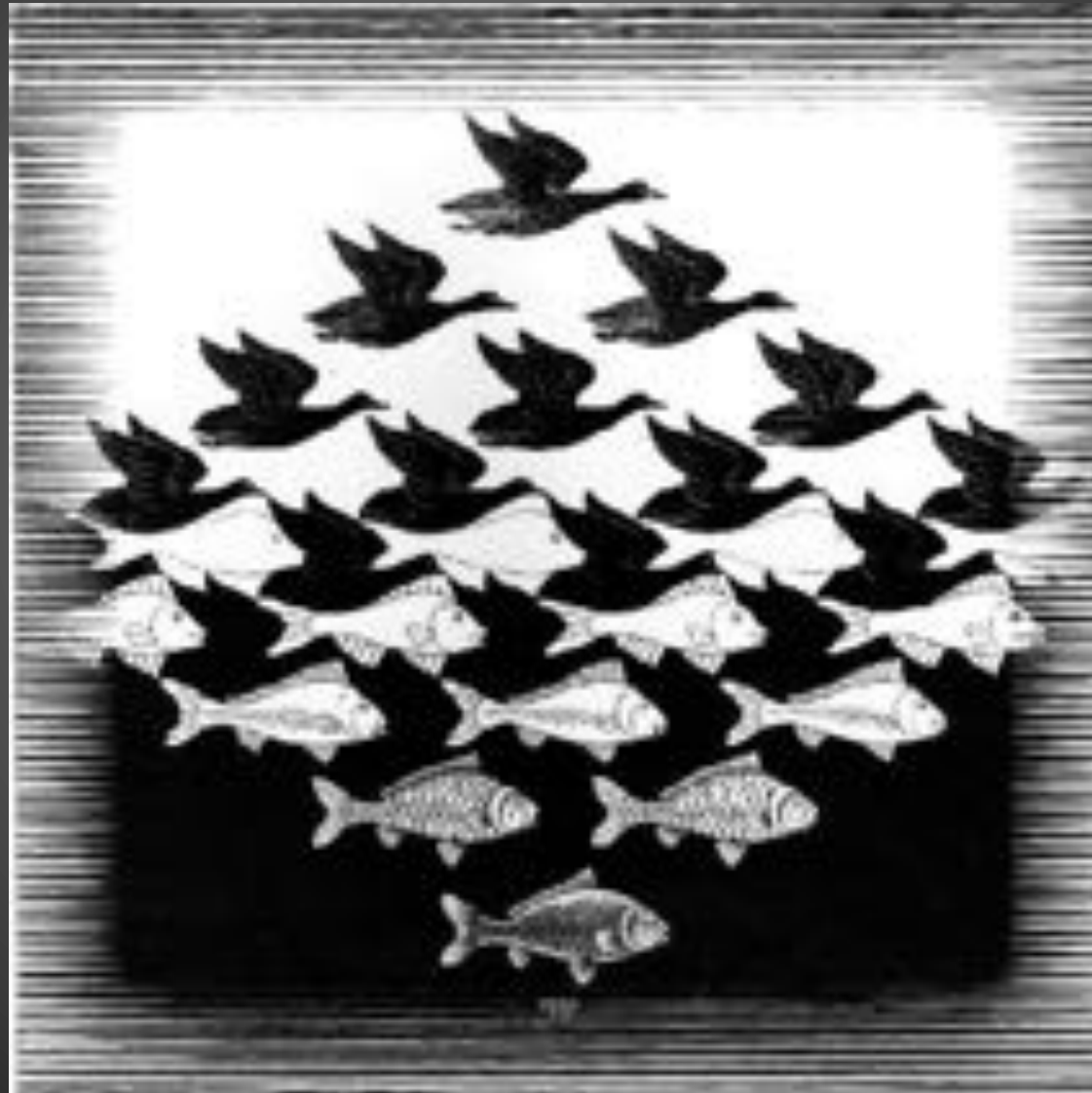
Jacques de Gheyn II, Dutch
Vanitas Still Life, 1603
Oil on wood
Metropolitan Museum of Art



Eye, 1946 Mezzotint, 7th and final stage.



M.C. Escher, *Sky and Water I*, 1938 Woodcut.





Mosque–Cathedral of Córdoba
Islam (784-1236)
Catholic (1236-present)







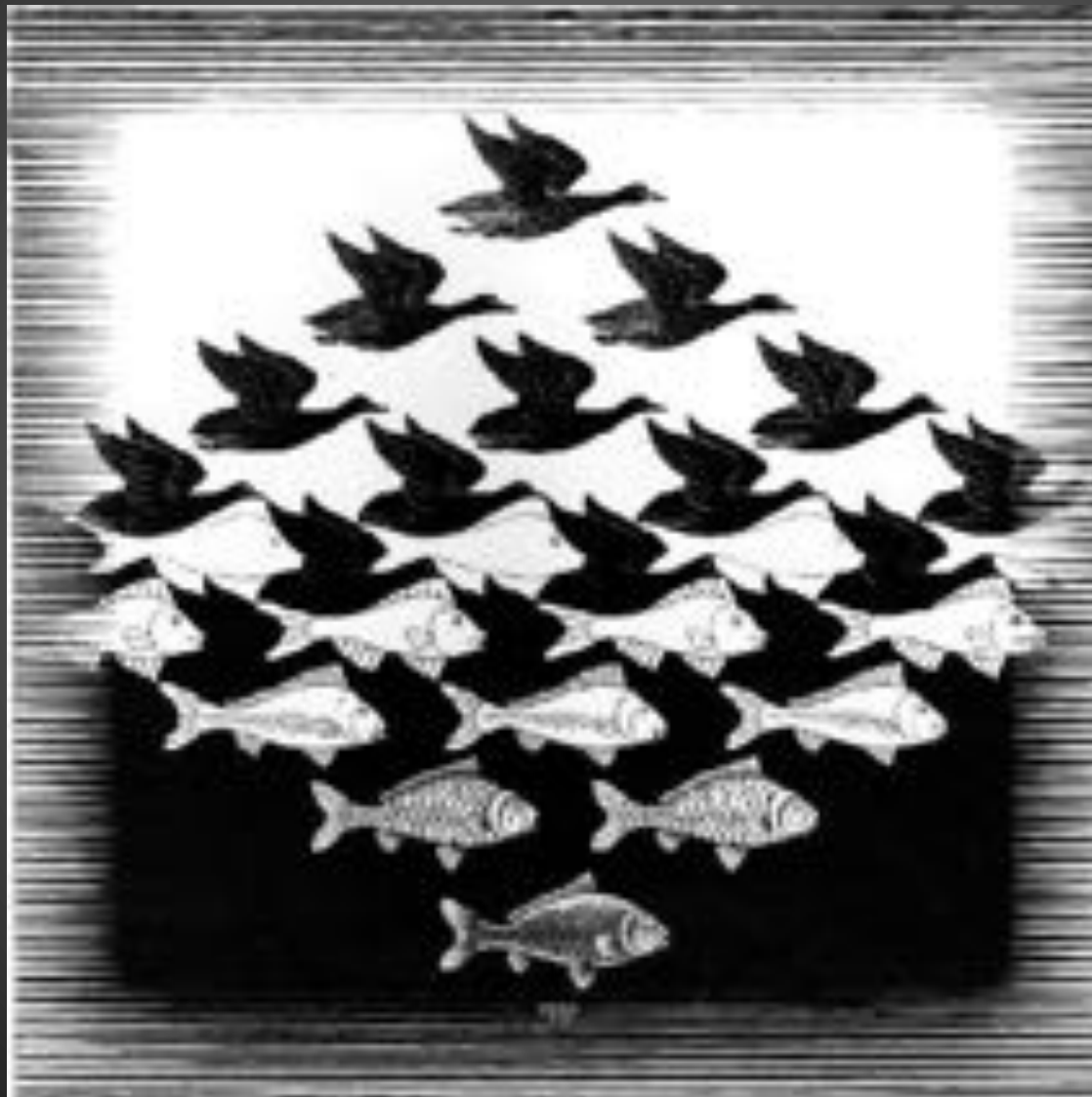








Sky and Water I, 1938
Woodcut. 439mm x 435mm.



Giuseppe Arcimboldo (Italian) 1526-1593
The Four Seasons, oil on canvas Louvre

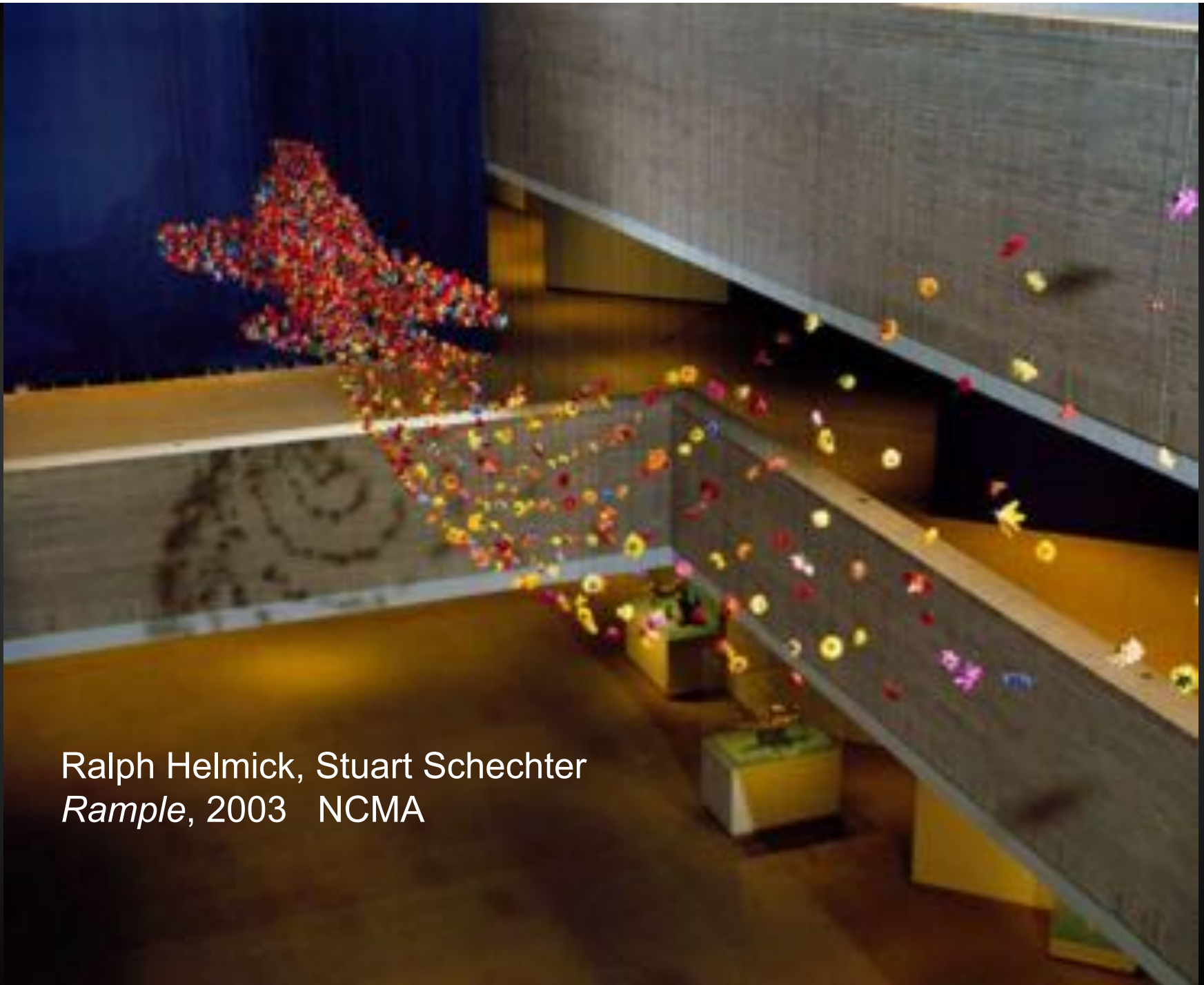




Summer, 1572, oil on canvas, Louvre

Winter, 1573,
oil on canvas, Louvre





Ralph Helmick, Stuart Schechter
Rample, 2003 NCMA

Bernini (Italian)
Apollo and Daphne, c. 1622
Borghese Gallery, Rome







