



GRESHAM
COLLEGE

The Mathematics of Perspective in Art

Professor Sarah Hart

Gresham Professor of Geometry



BRITISH SOCIETY
FOR THE HISTORY
OF MATHEMATICS







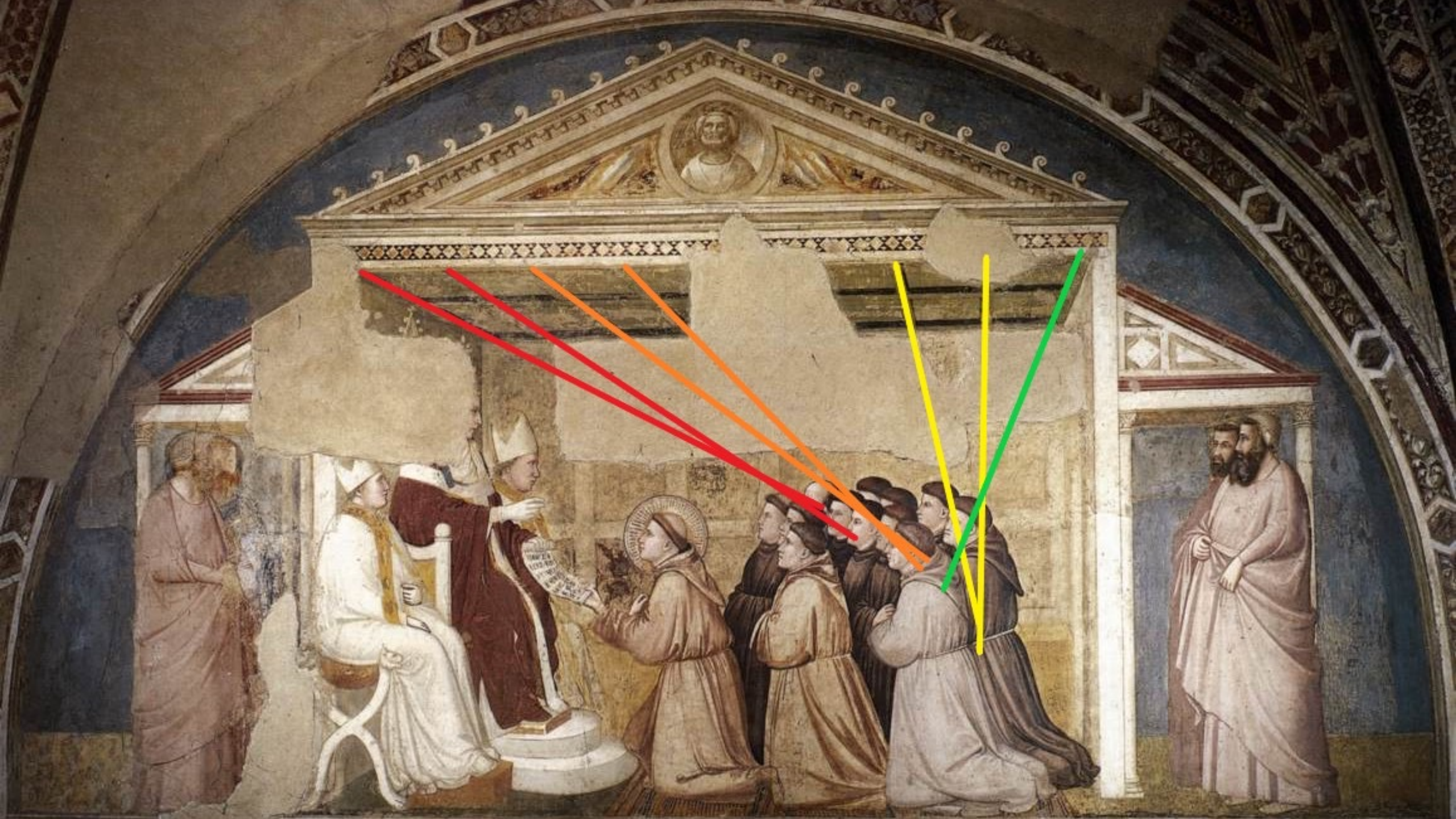




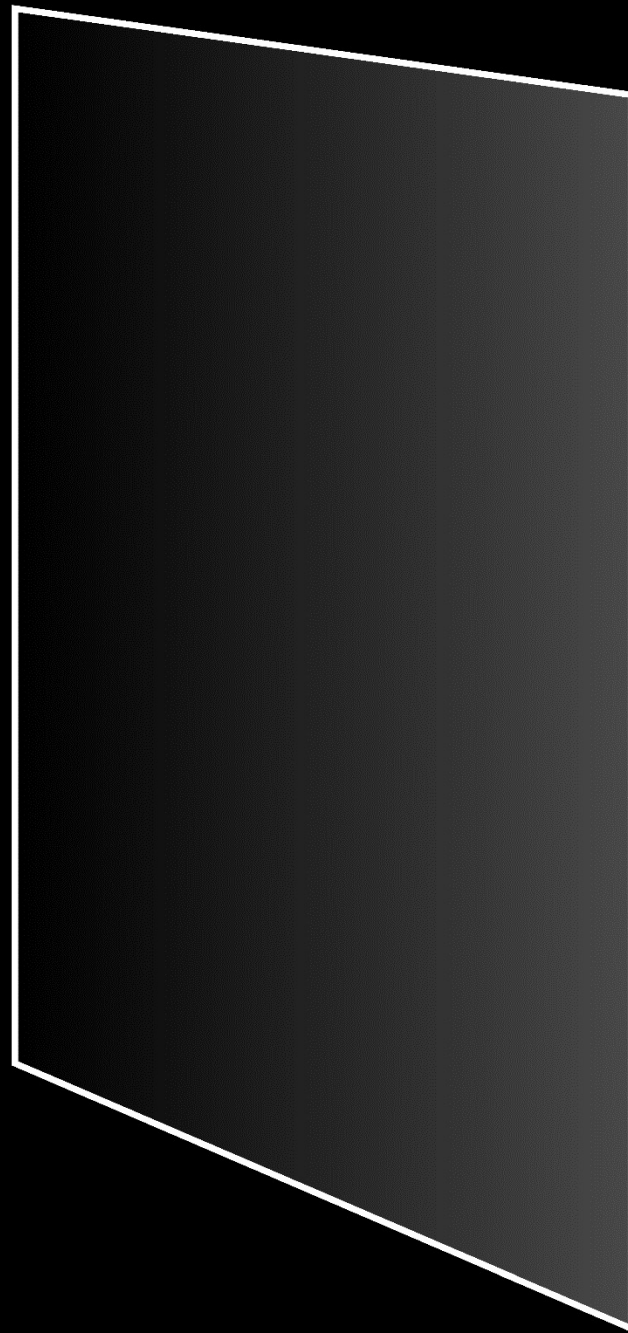




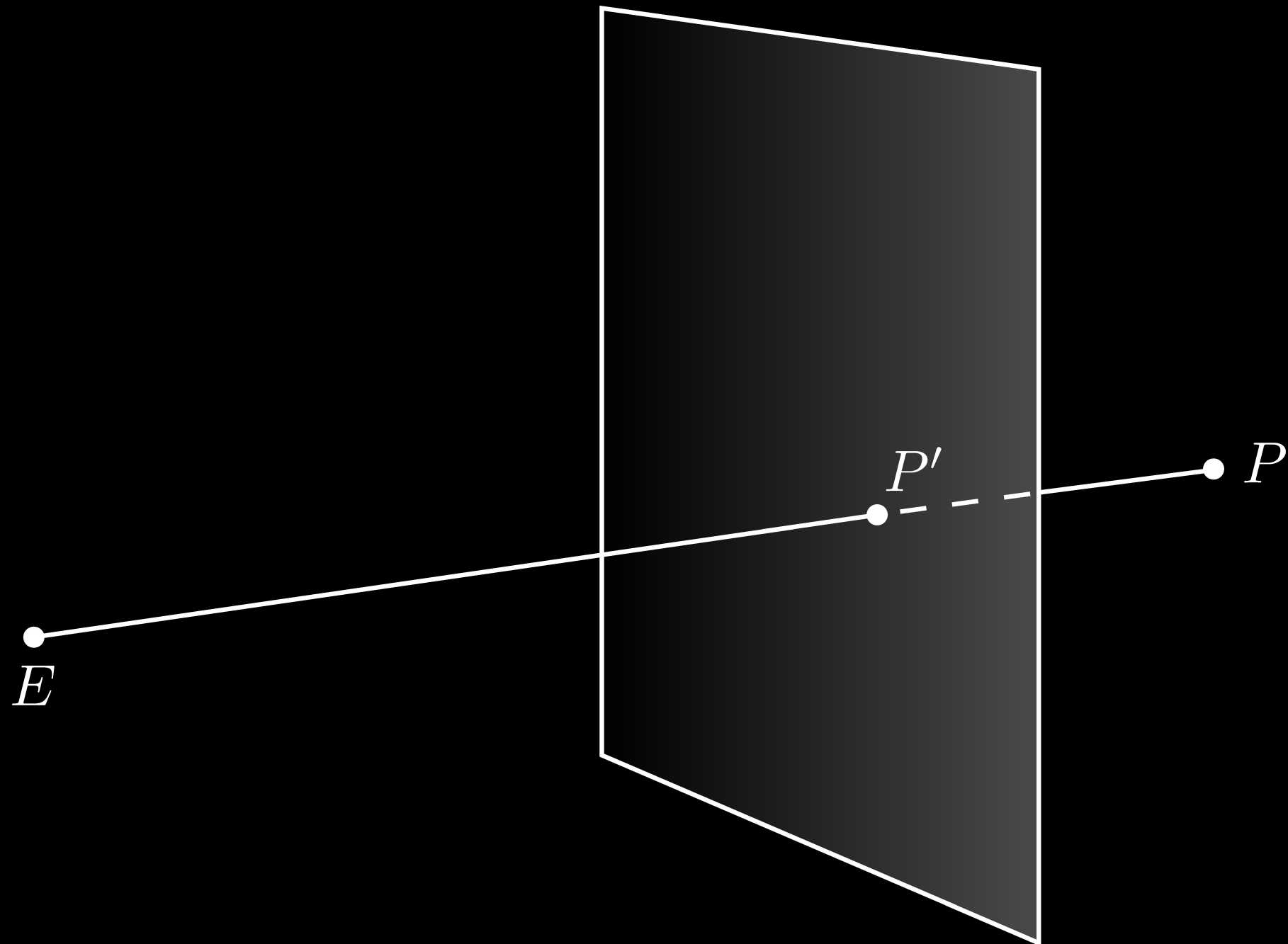


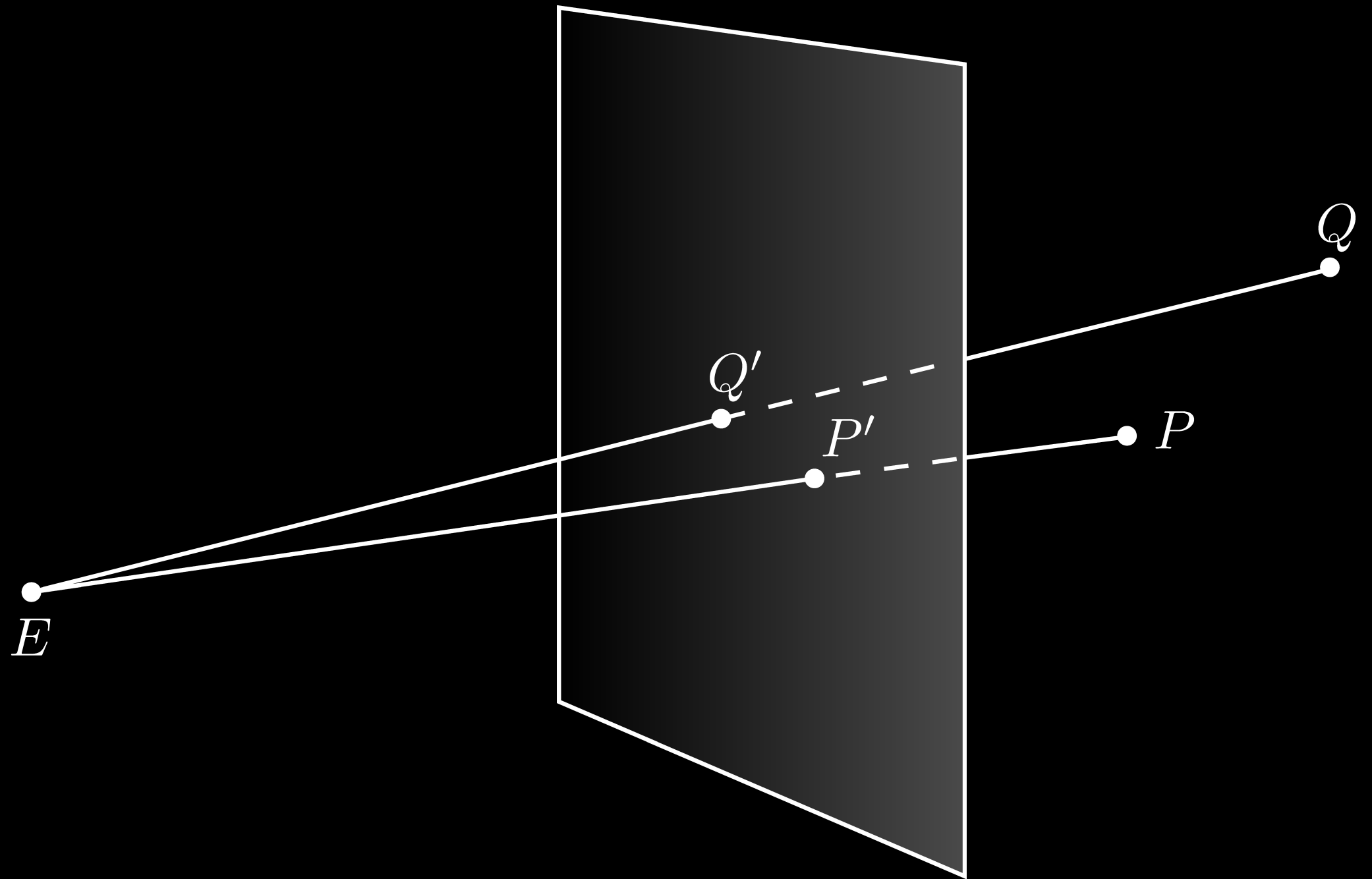


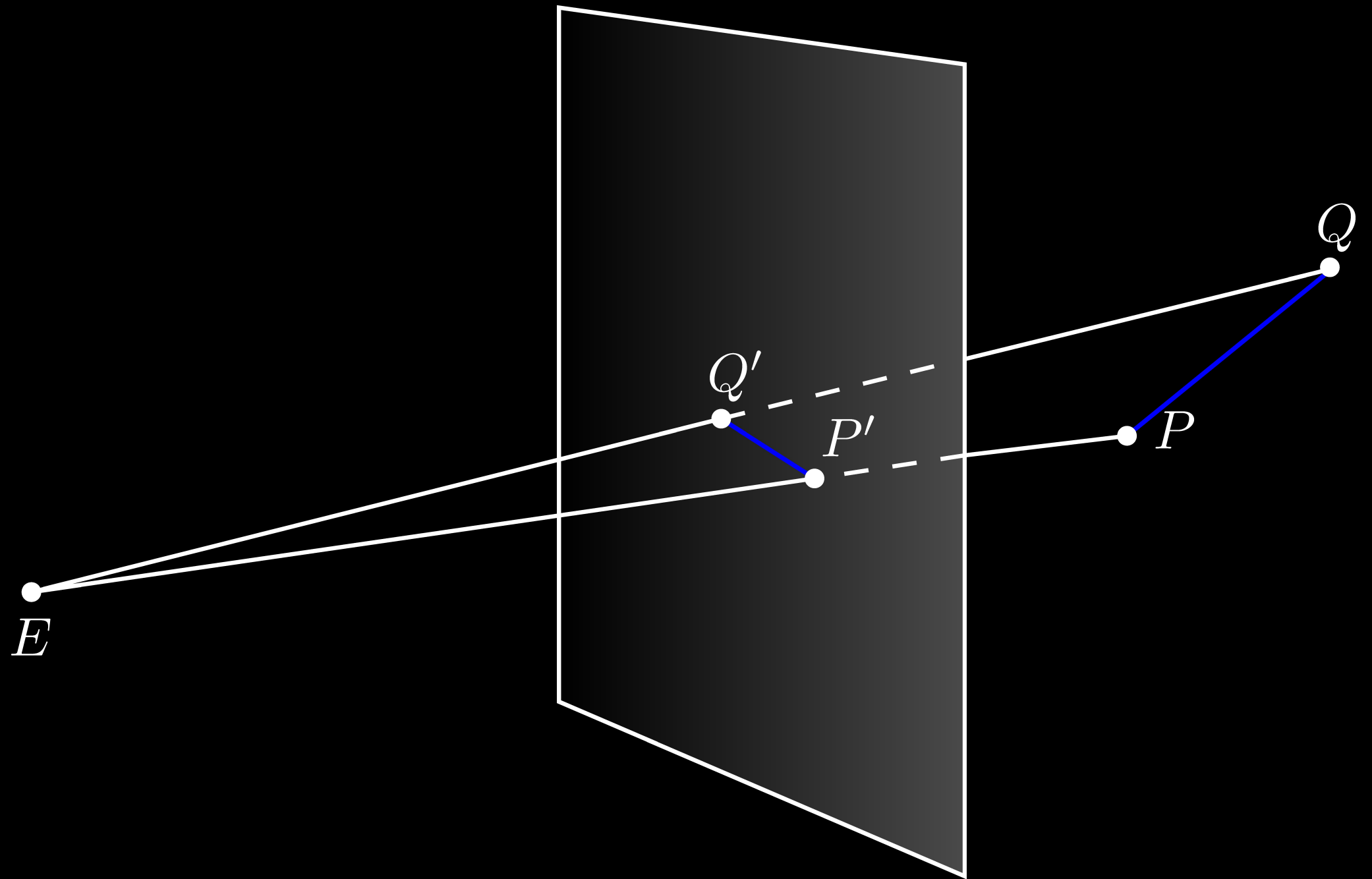
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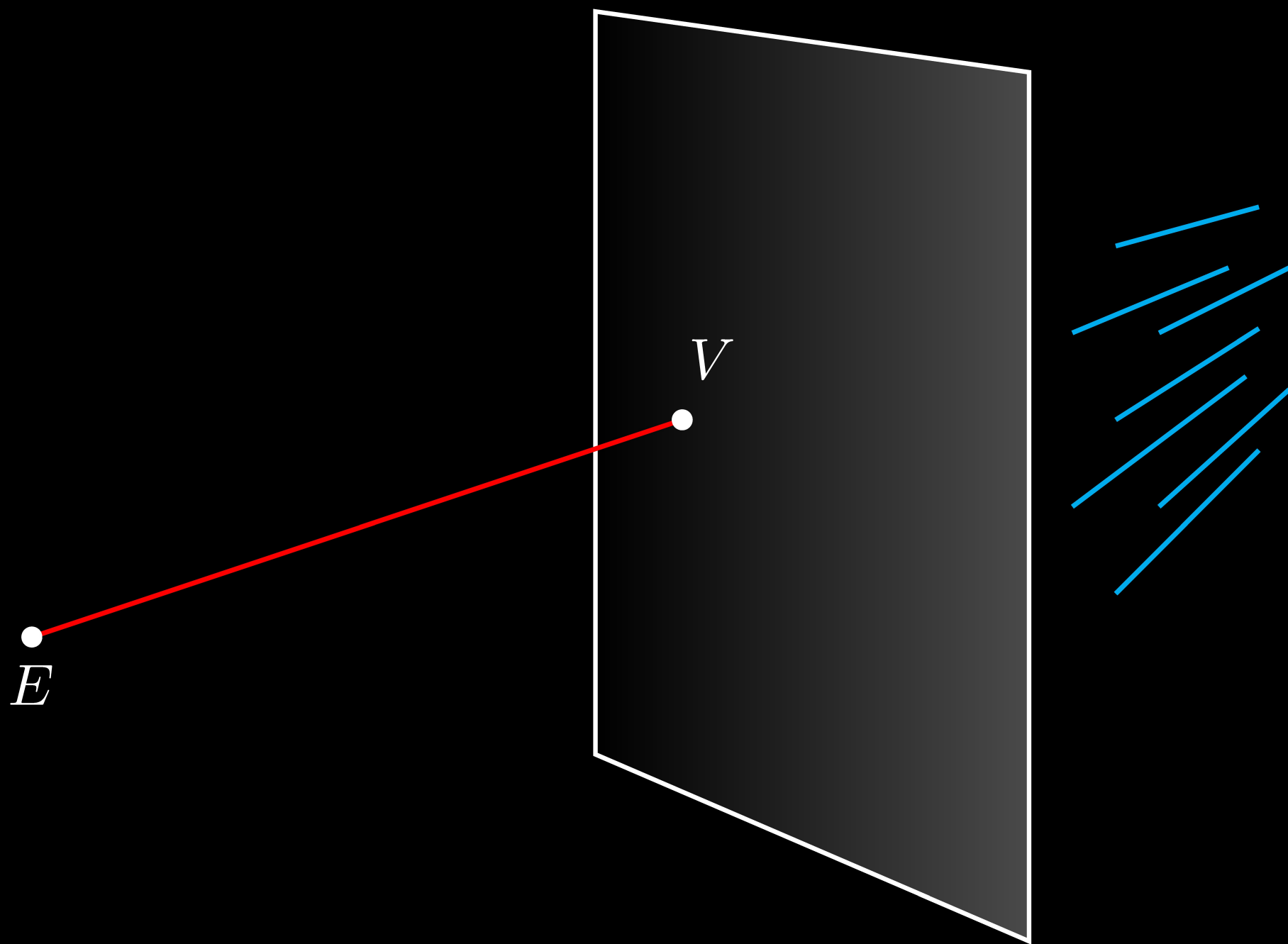


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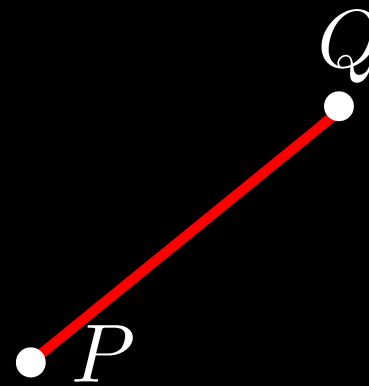
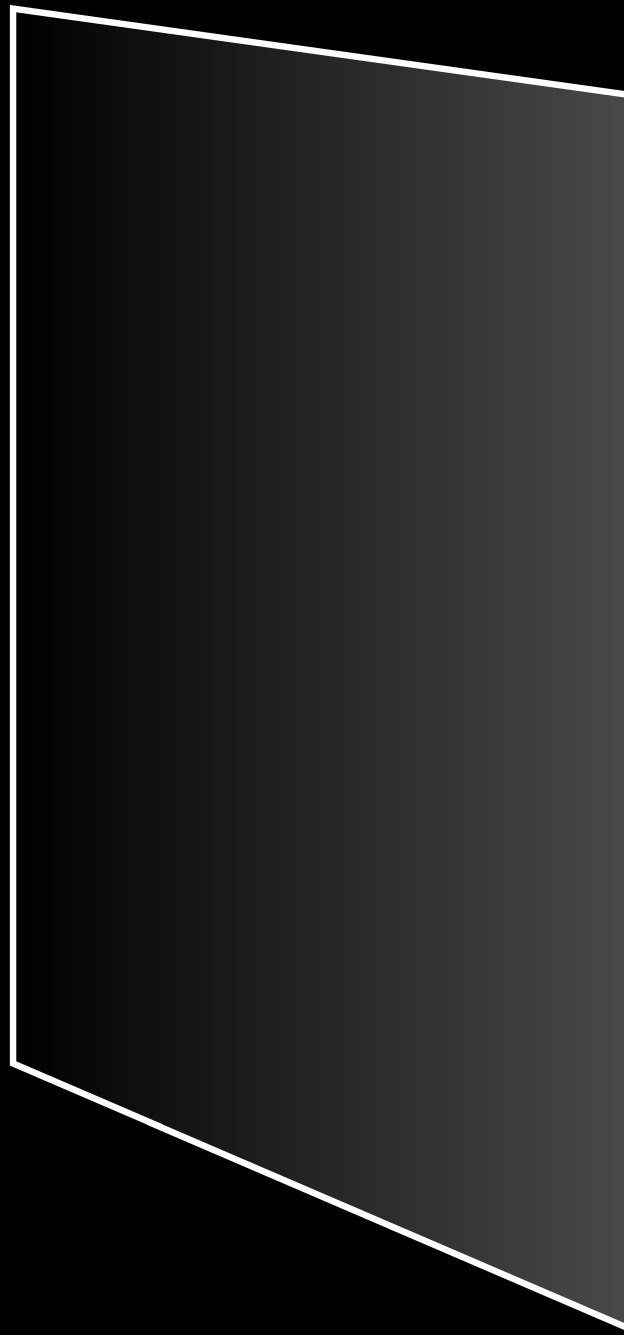


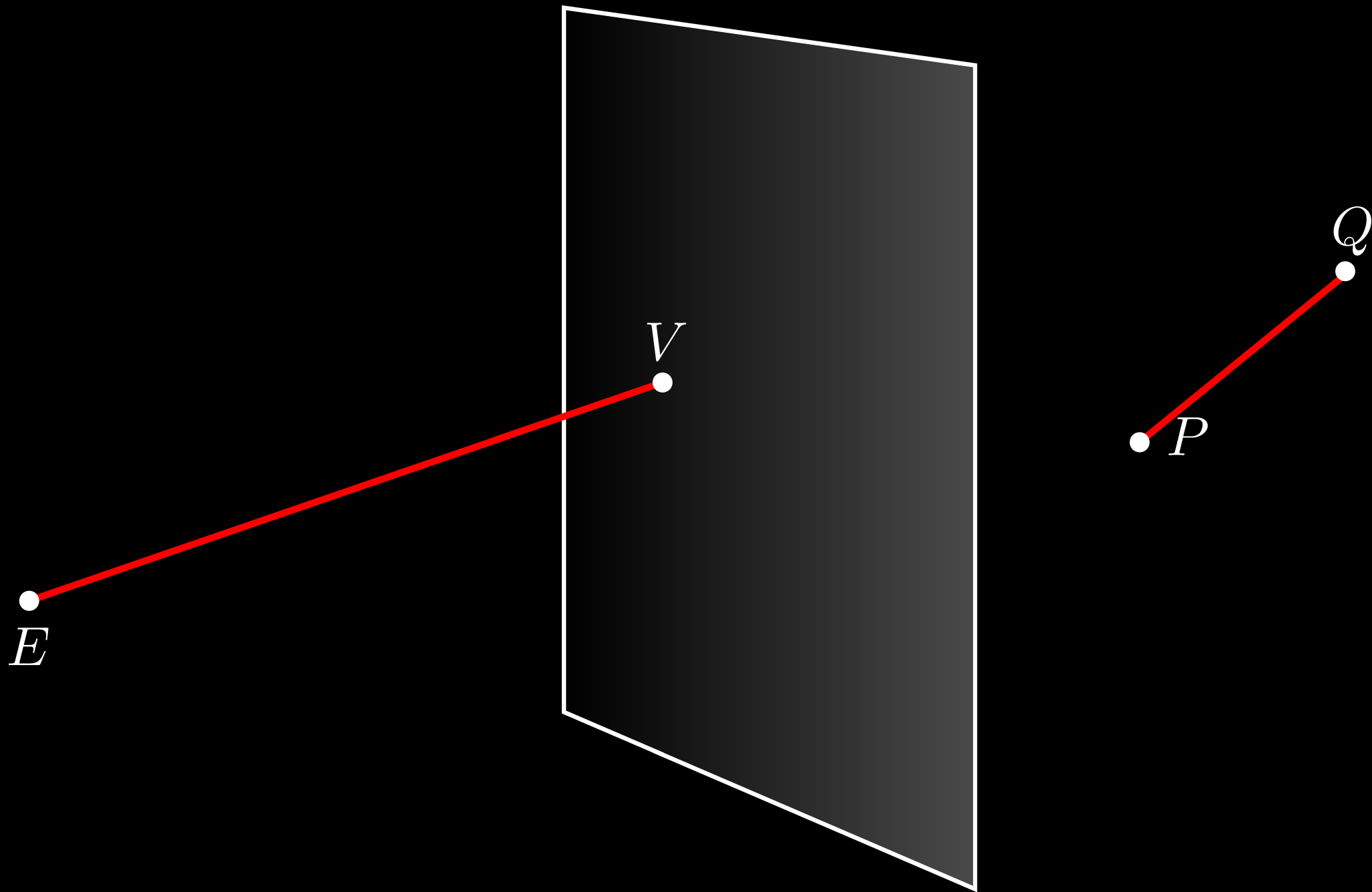


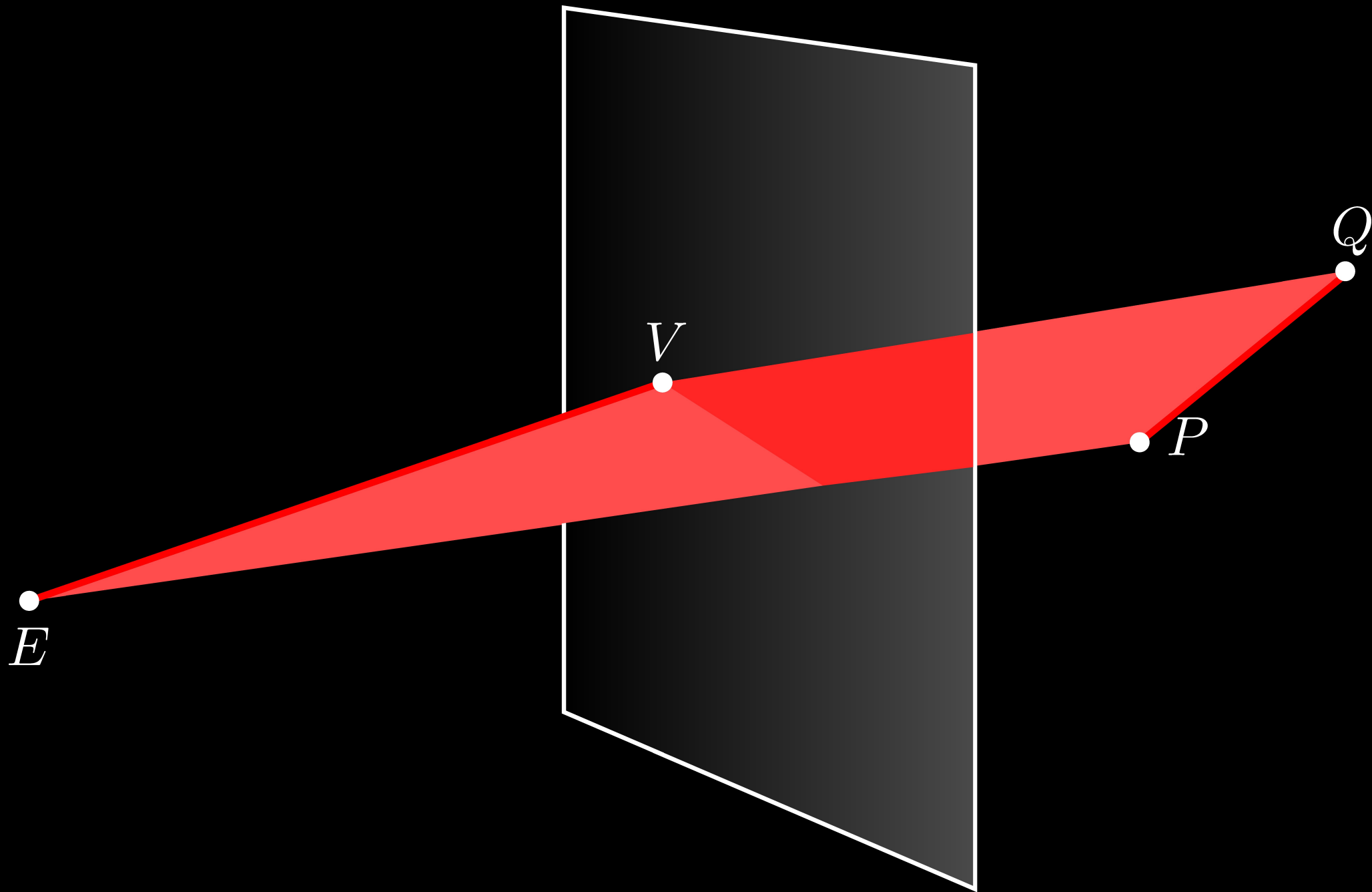


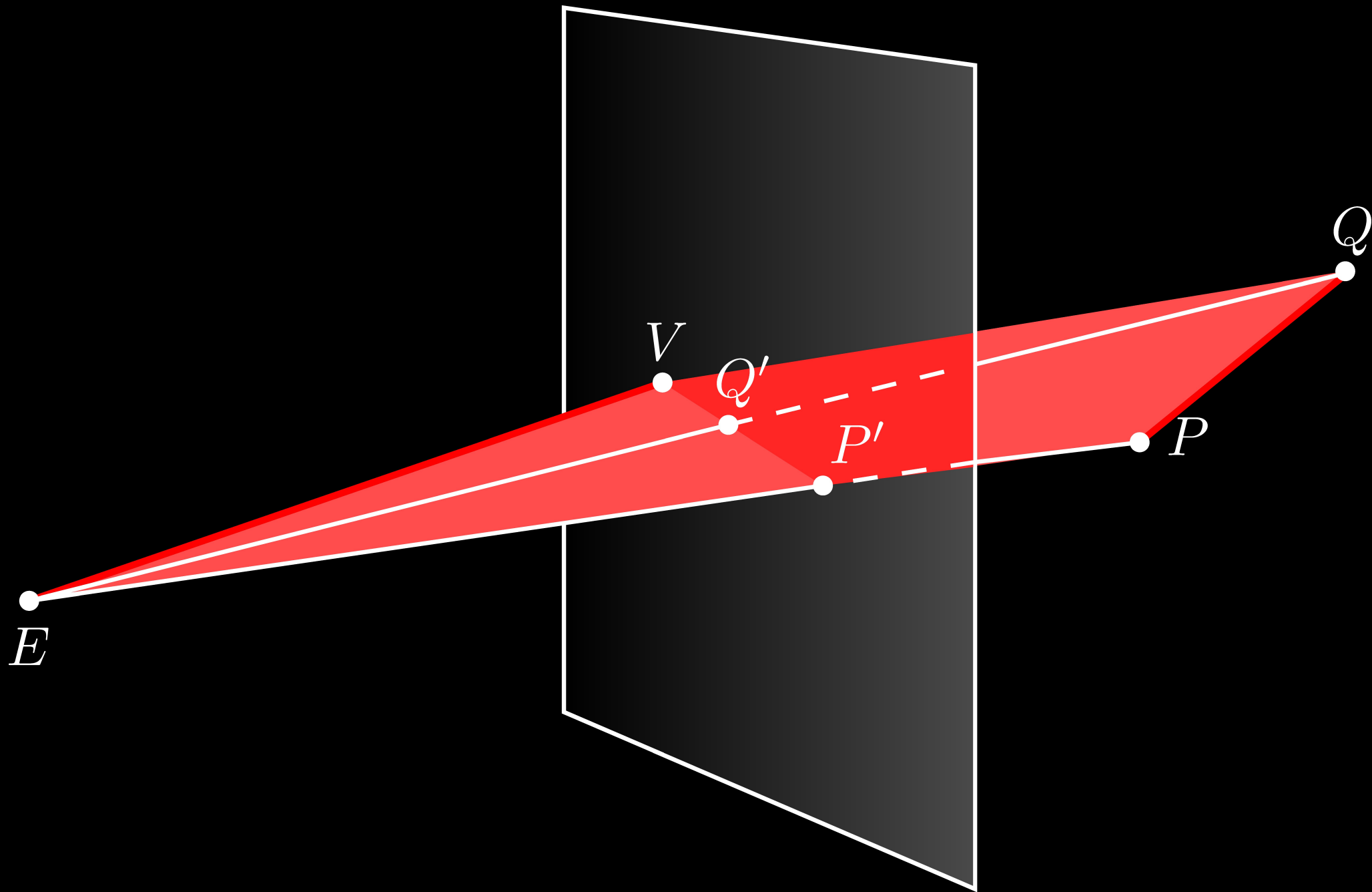


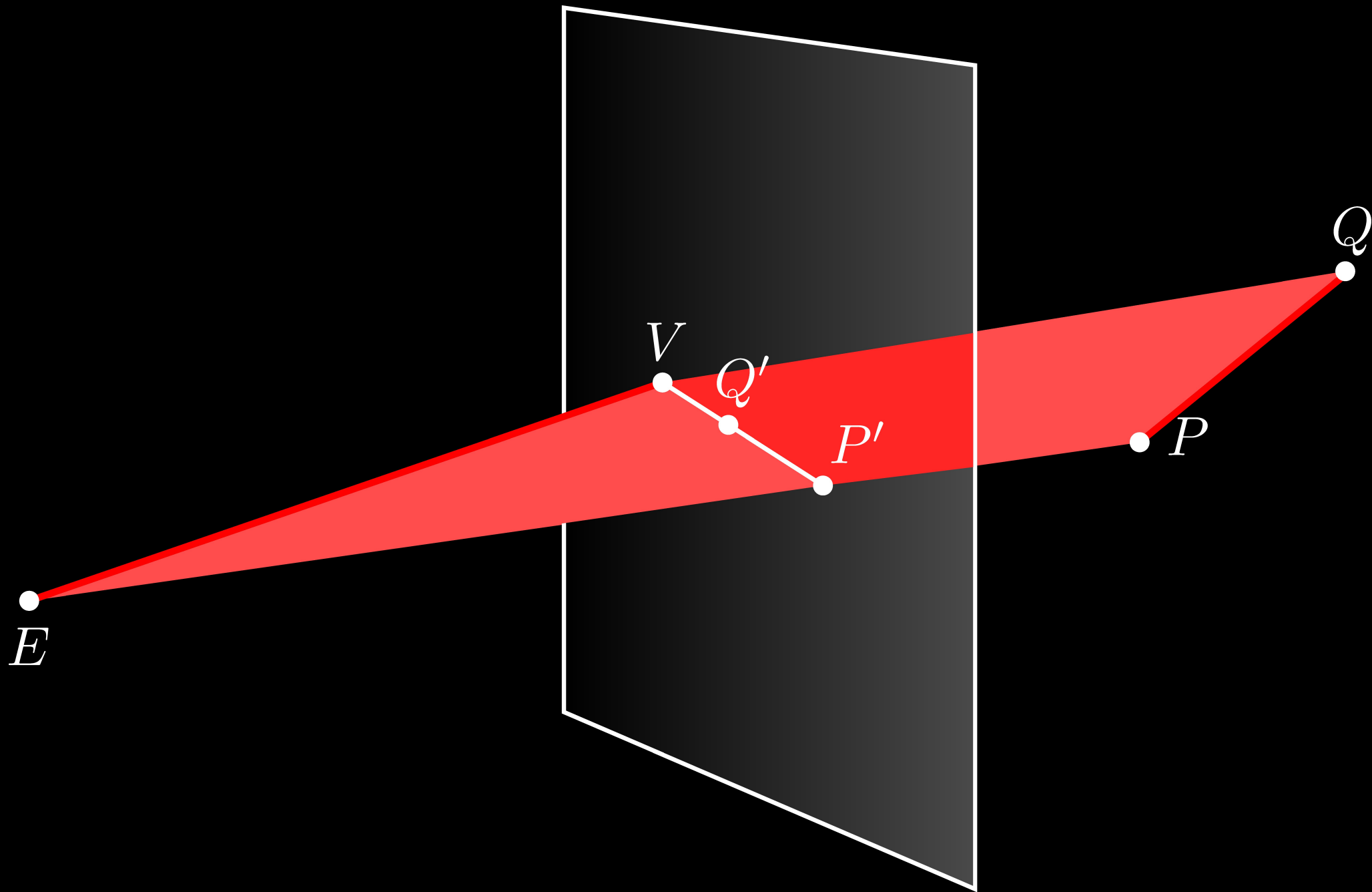
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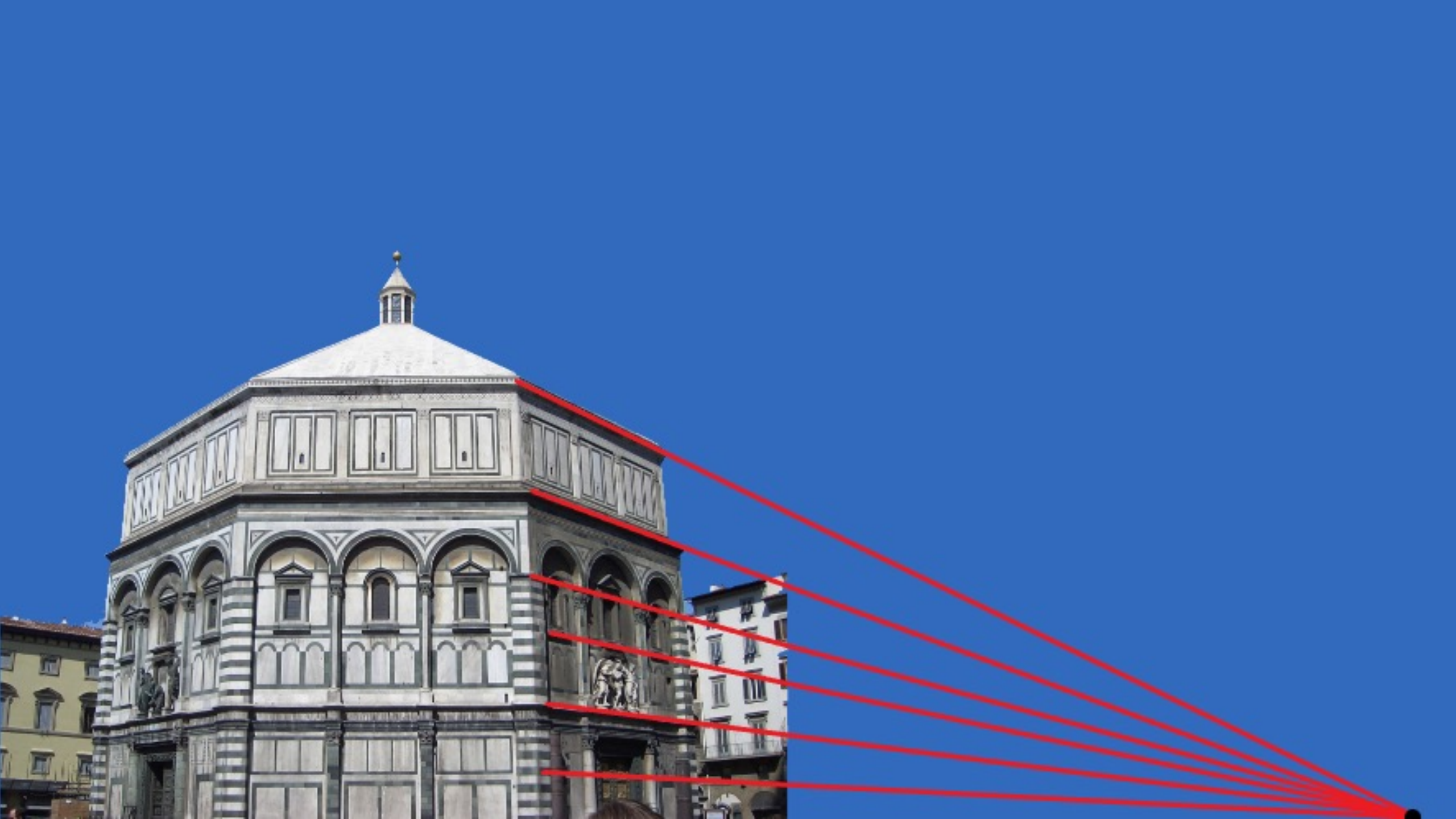




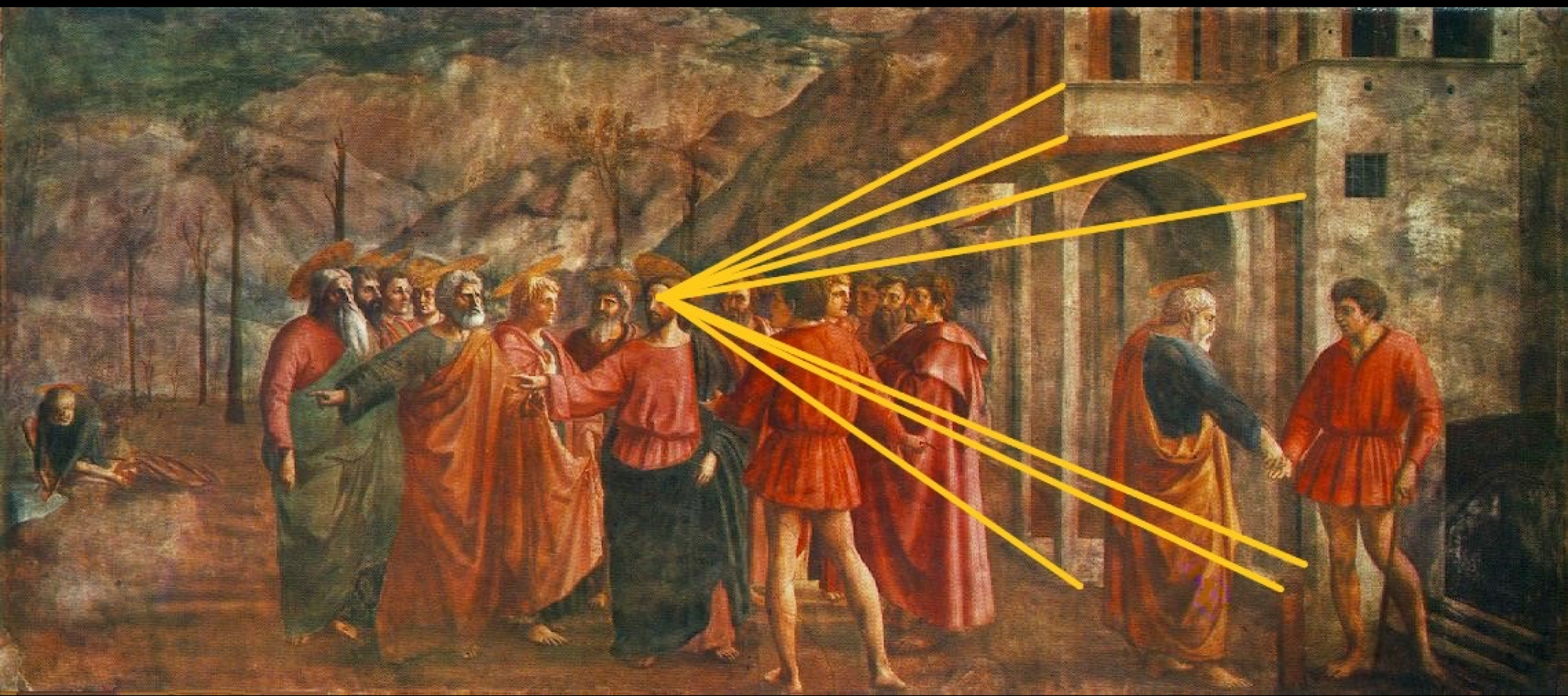












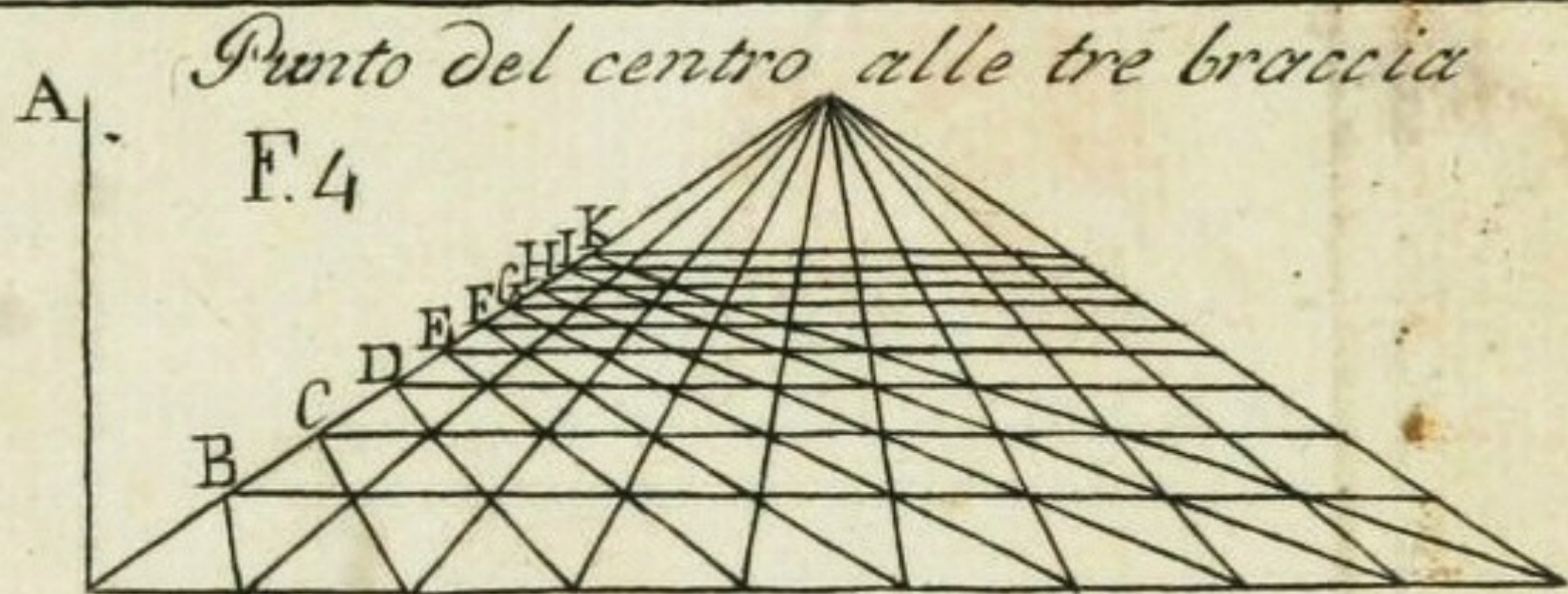
Leon Battista Alberti

Della Pittura (1436)

“To make clear my exposition in writing this brief commentary on painting, I will take first from the mathematicians those things with which my subject is concerned.”

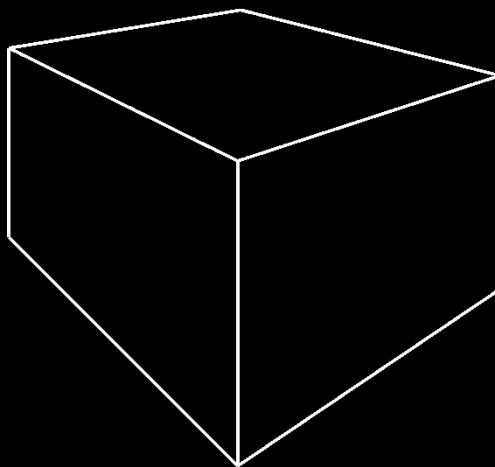
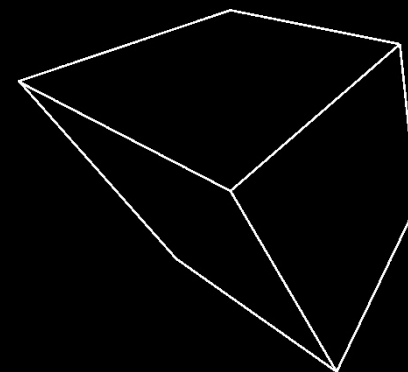
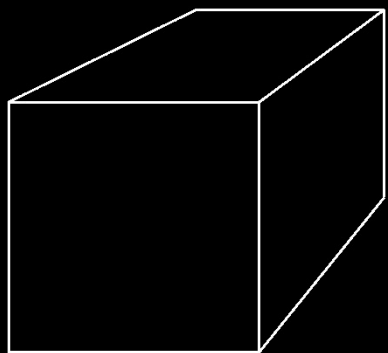


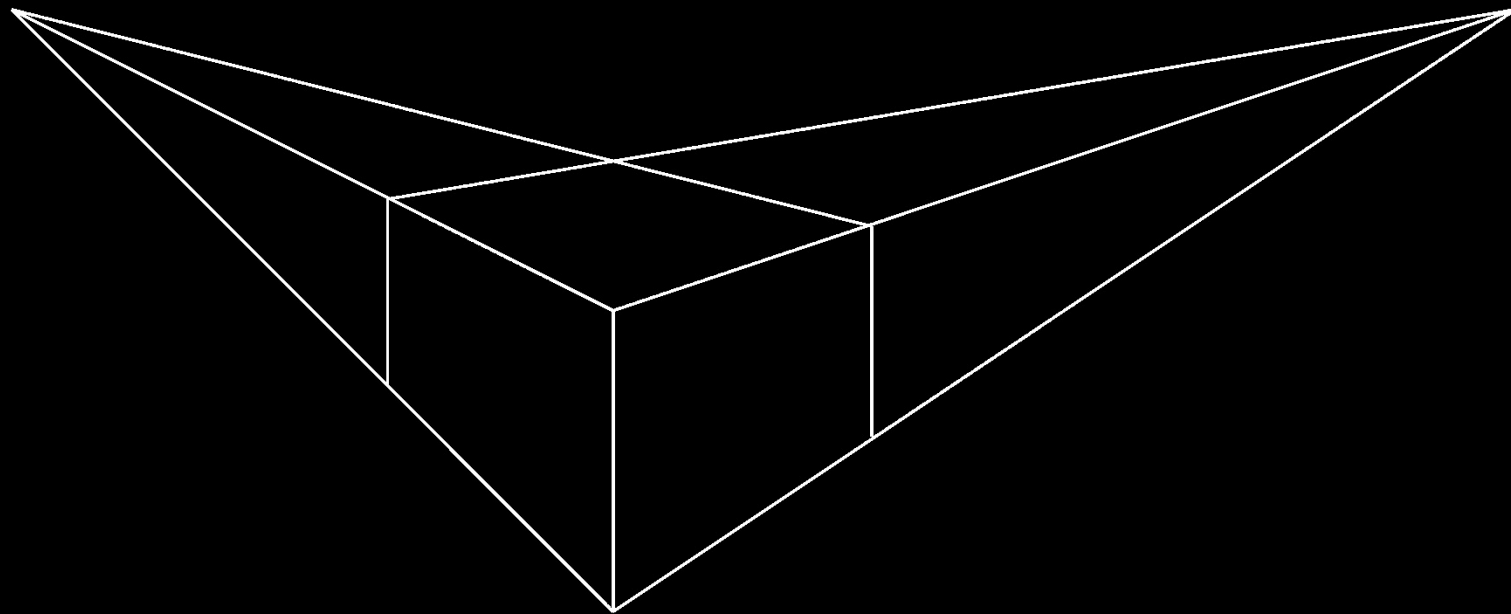
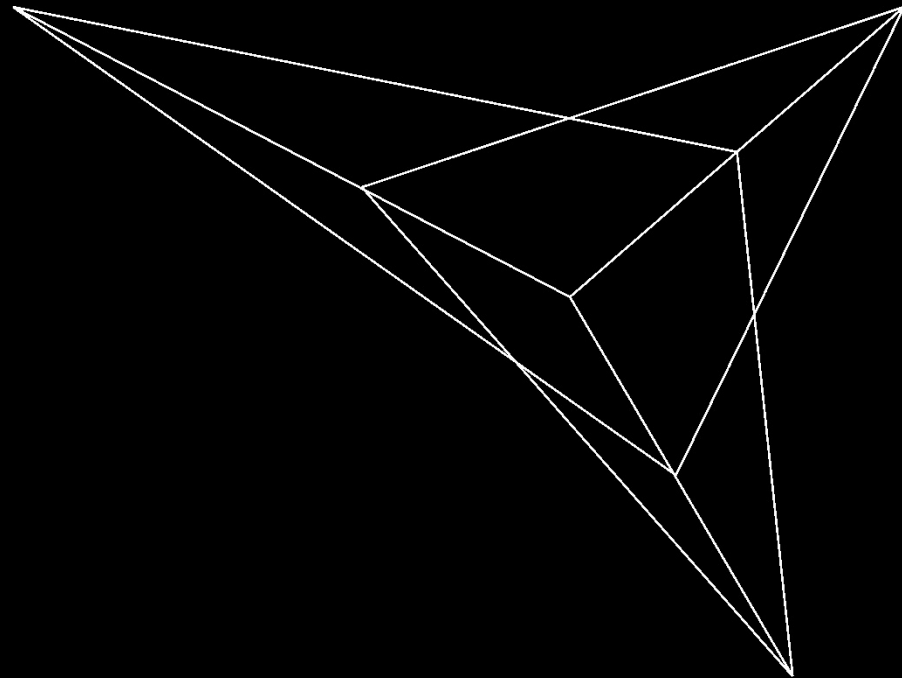
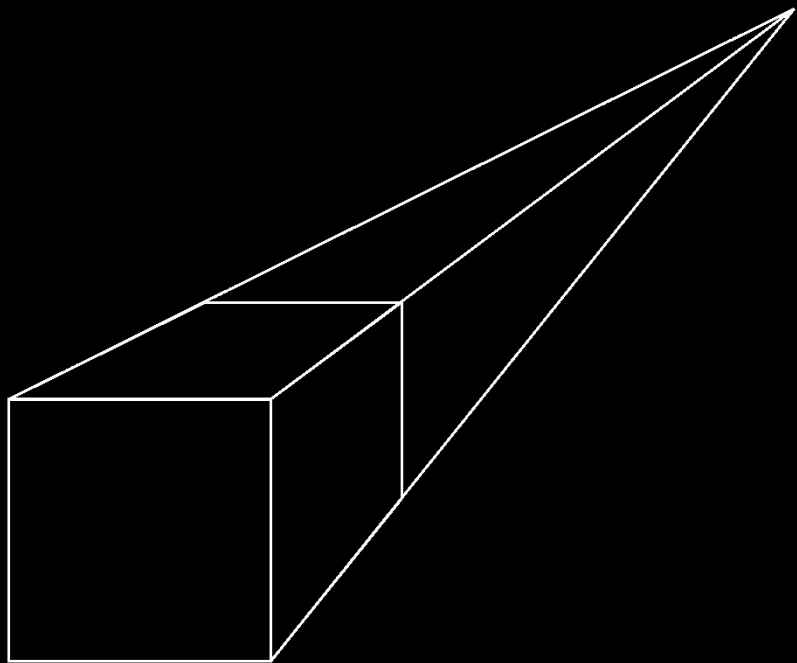
Photo credit: Sailko/Wikipedia

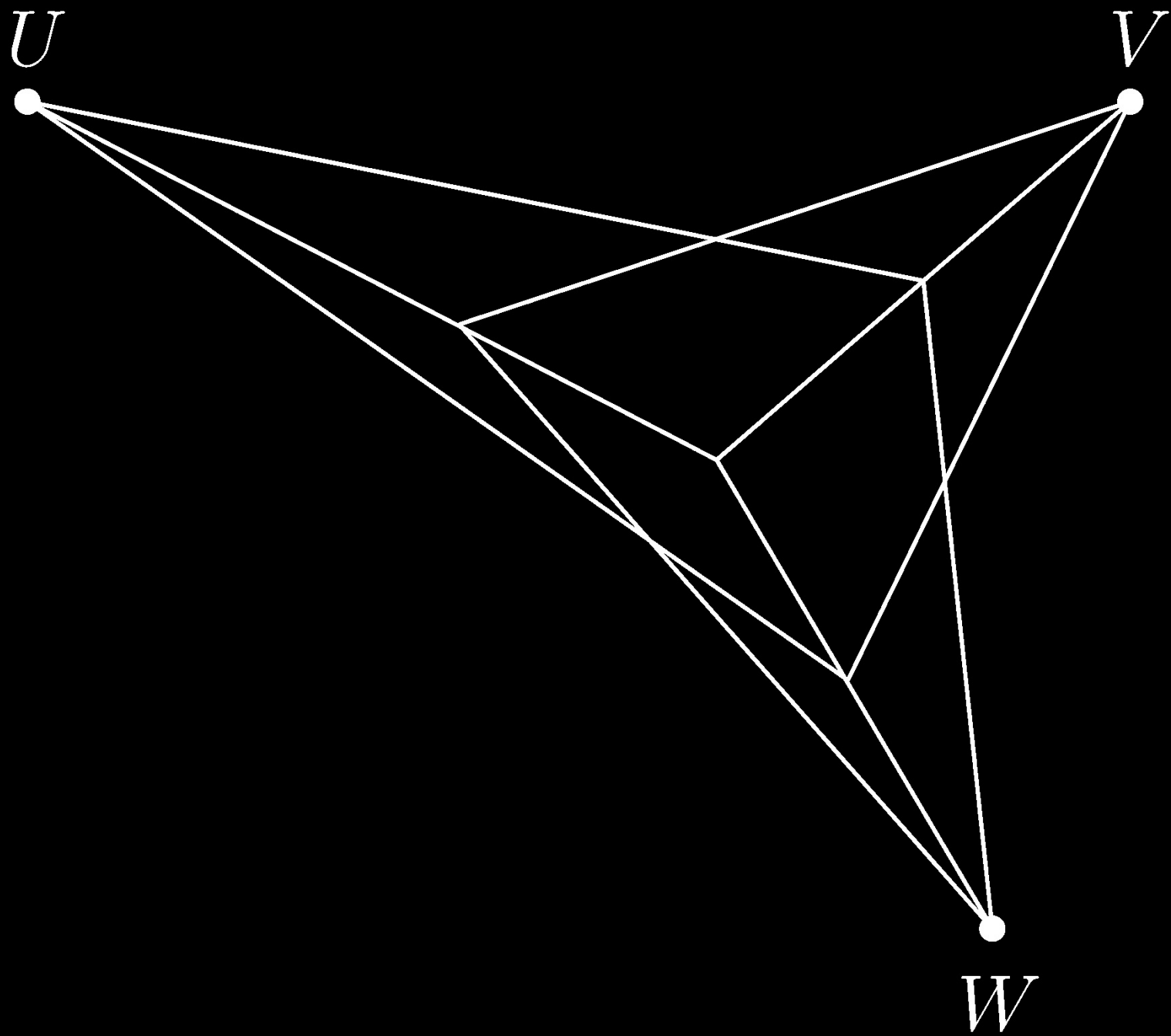


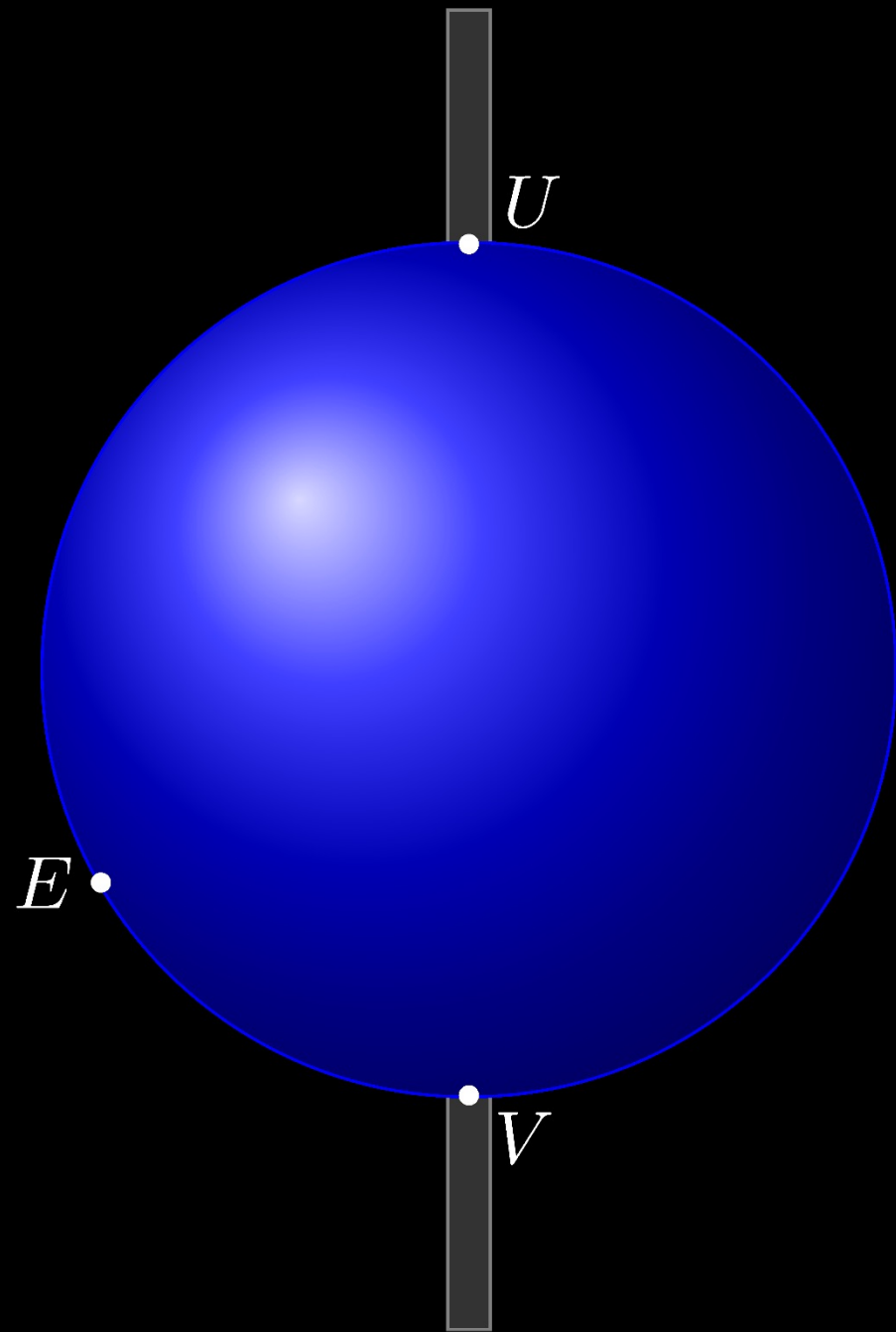
Linea giacente di nove braccia

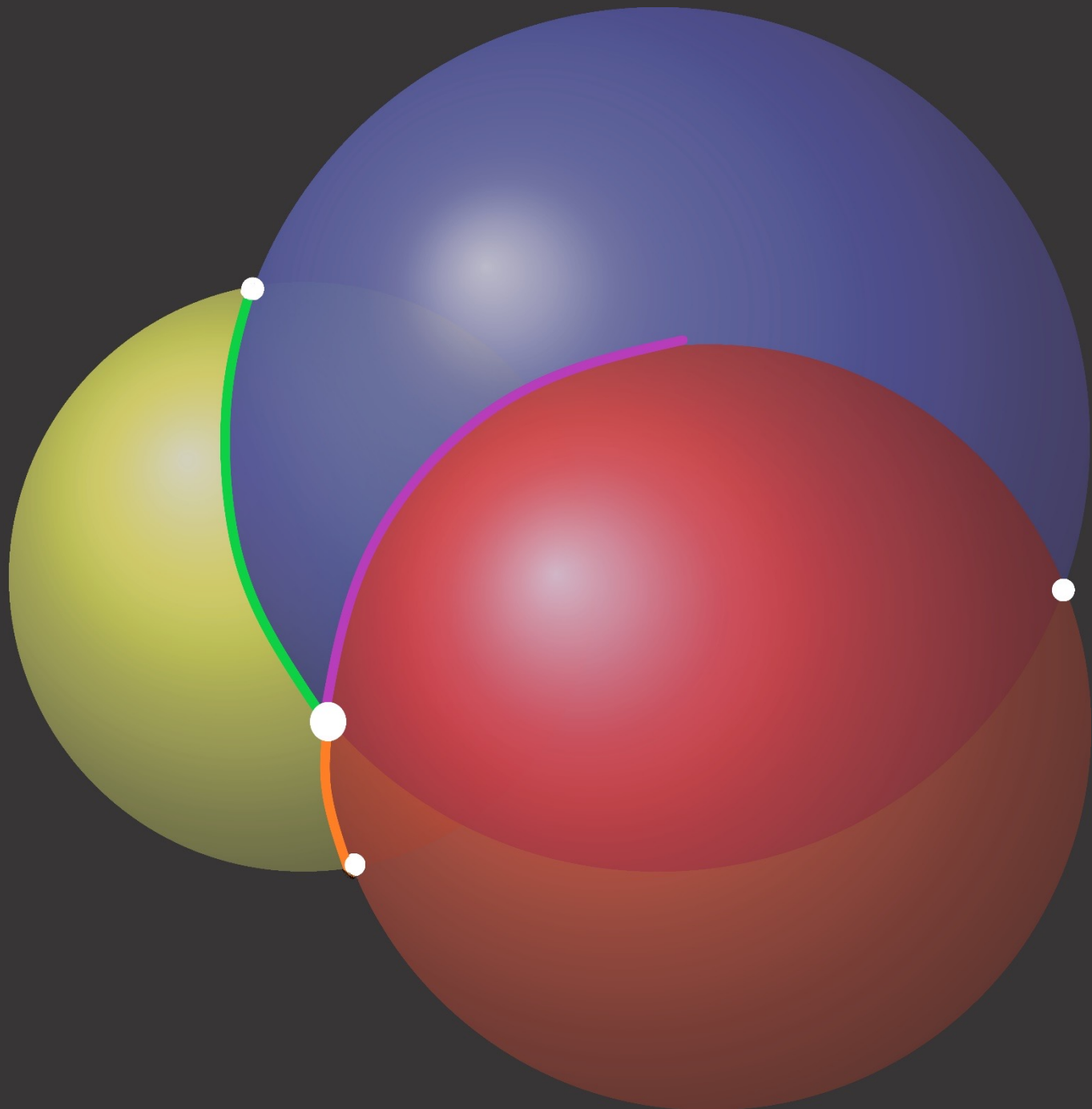
A. punto della veduta alto tre braccia. B. C. D. E.
F. G. H. I. K. linee parallele



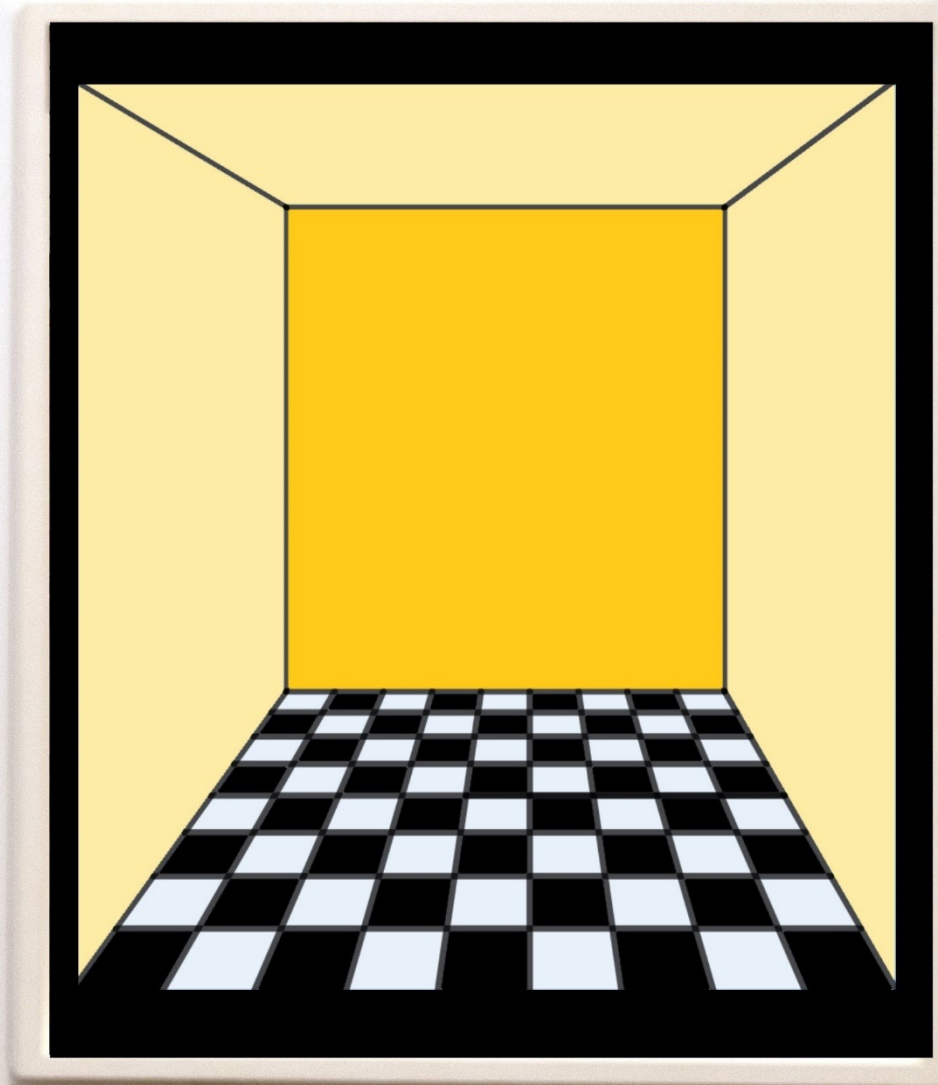


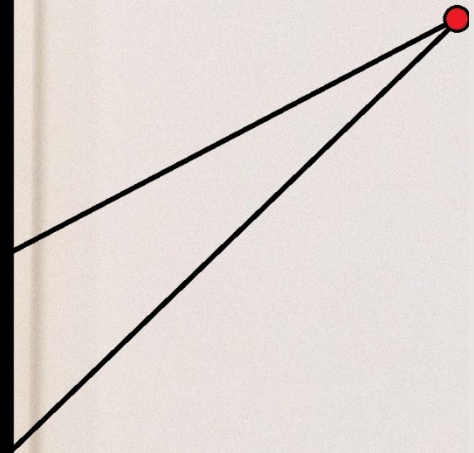
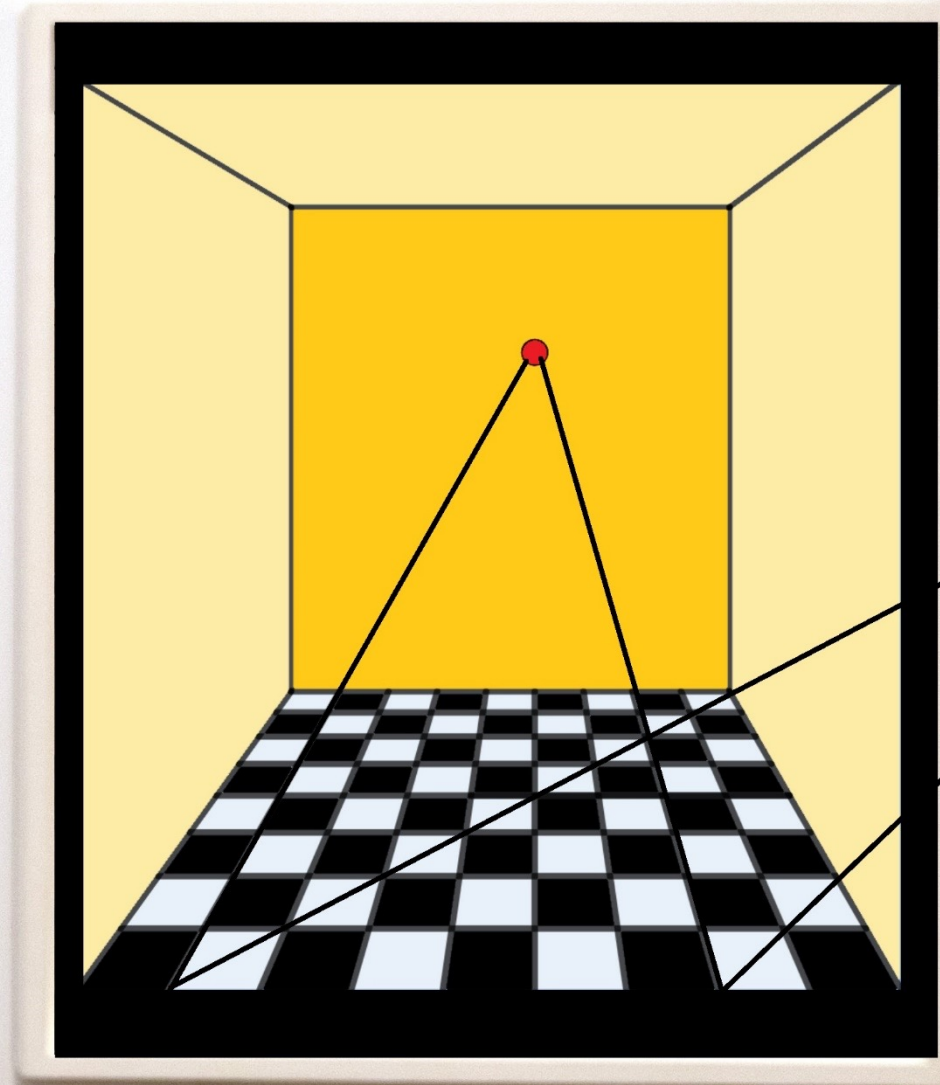


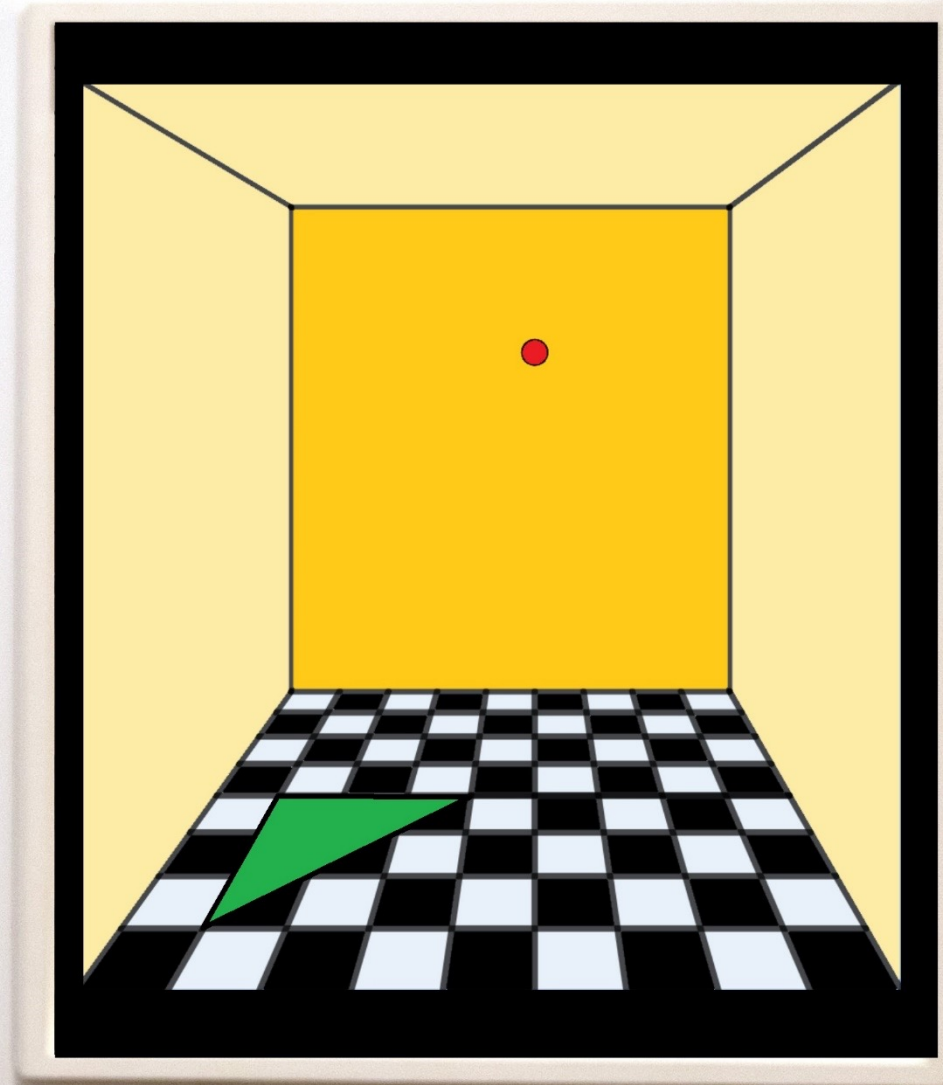


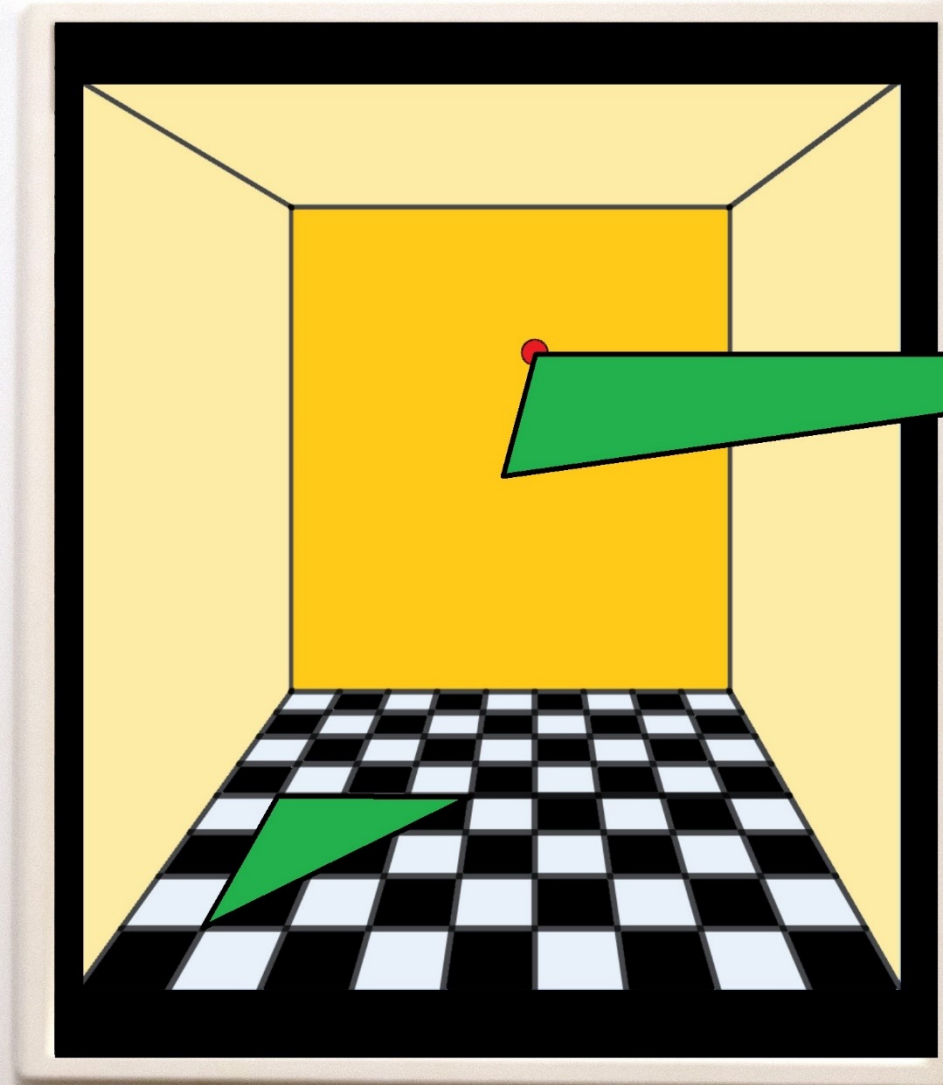














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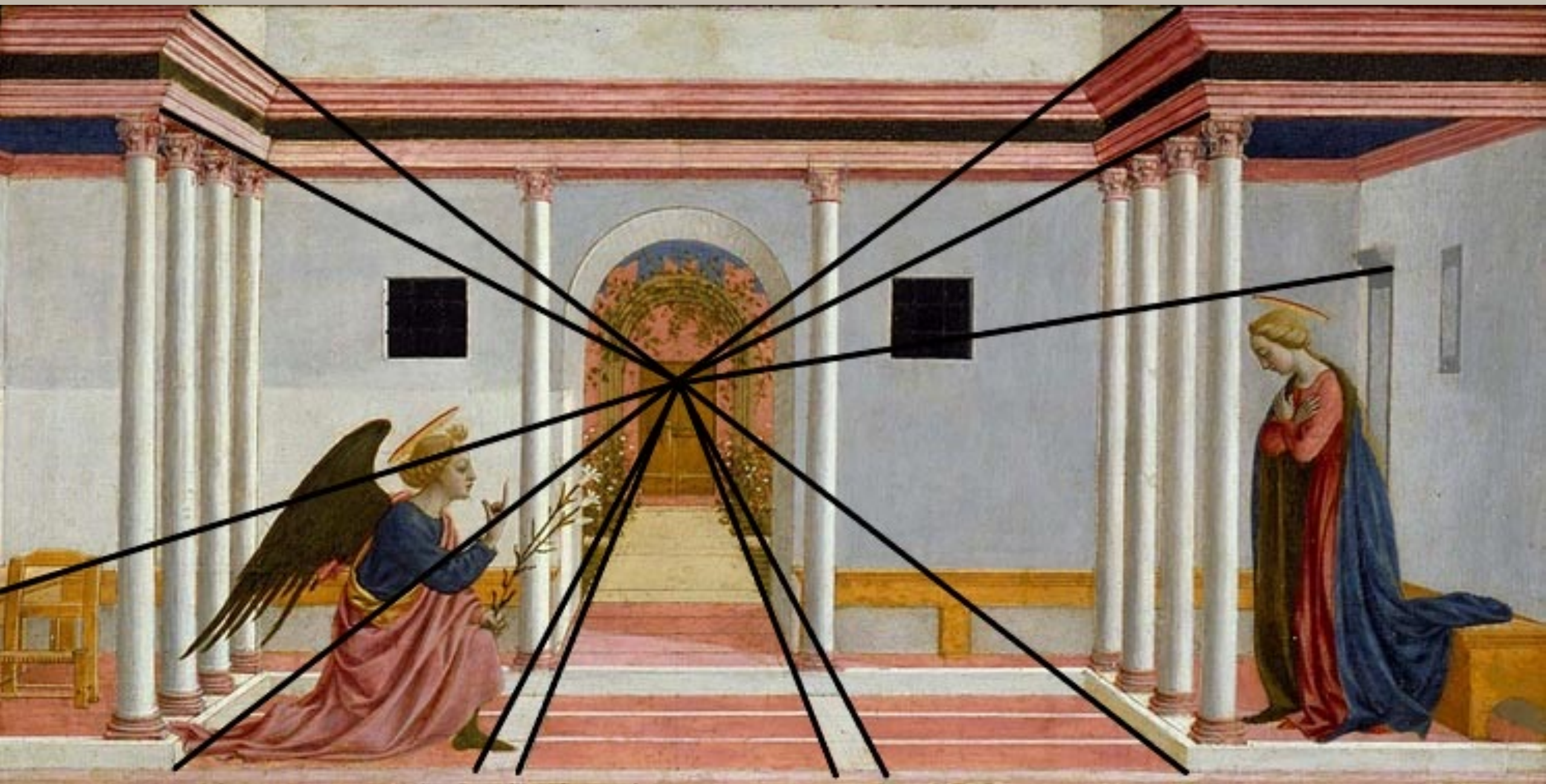
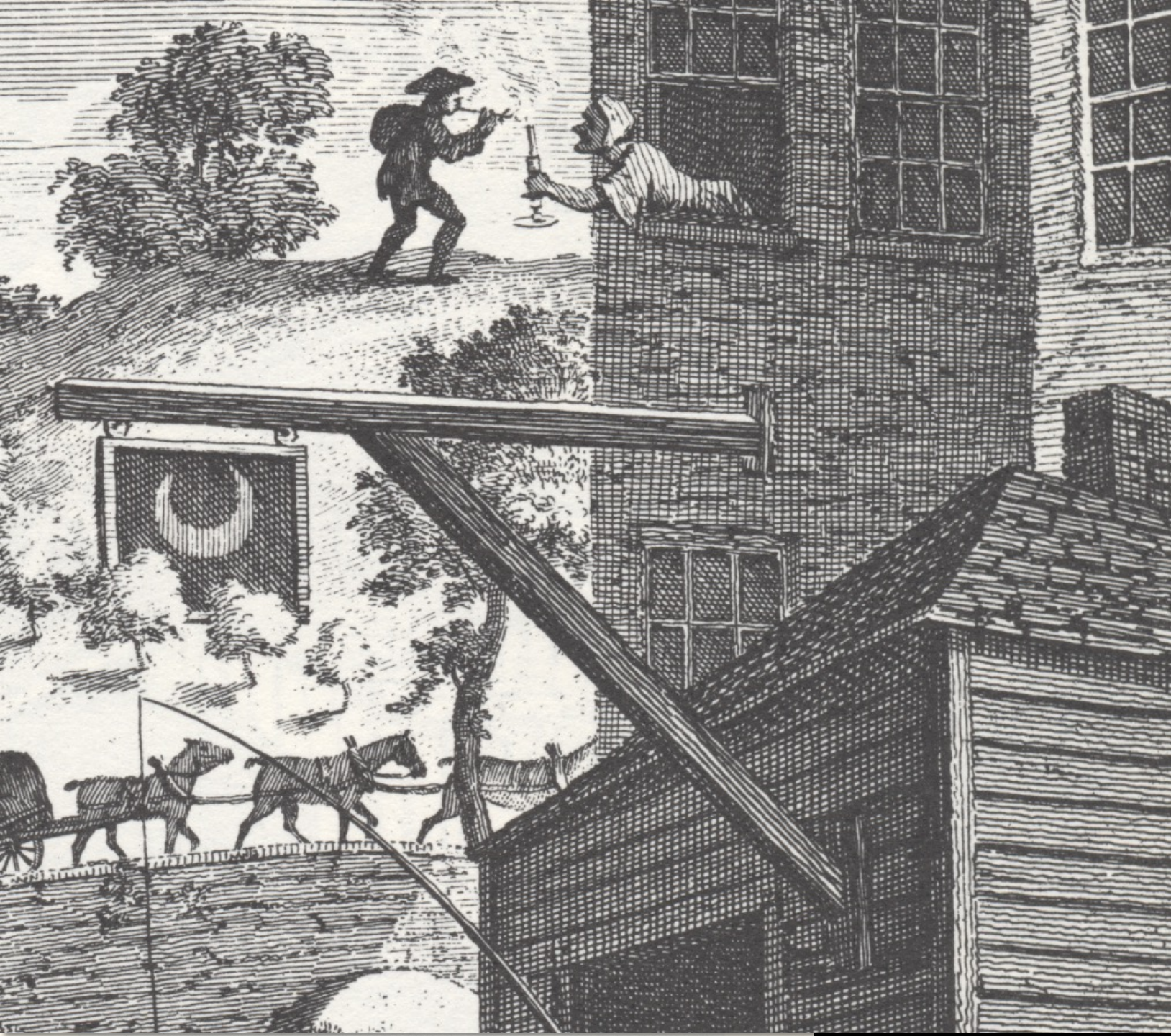




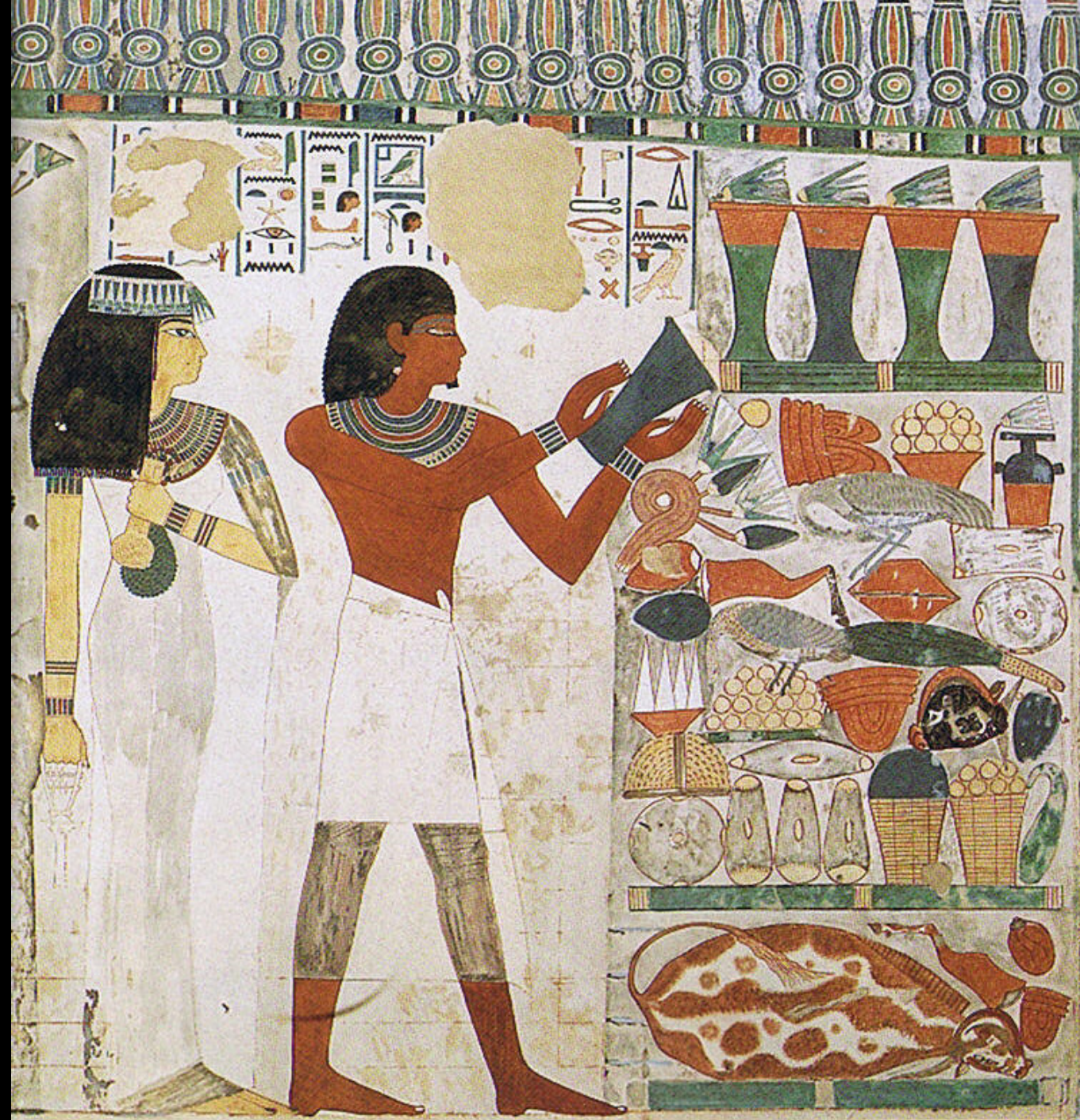




Image credit: Francesco Borromini



*Whoever makes a Design
without the Knowledge
of Perspective will be
liable to such
Absurdities as are shewn
in this Frontispiece*



見立座敷狂言三枚

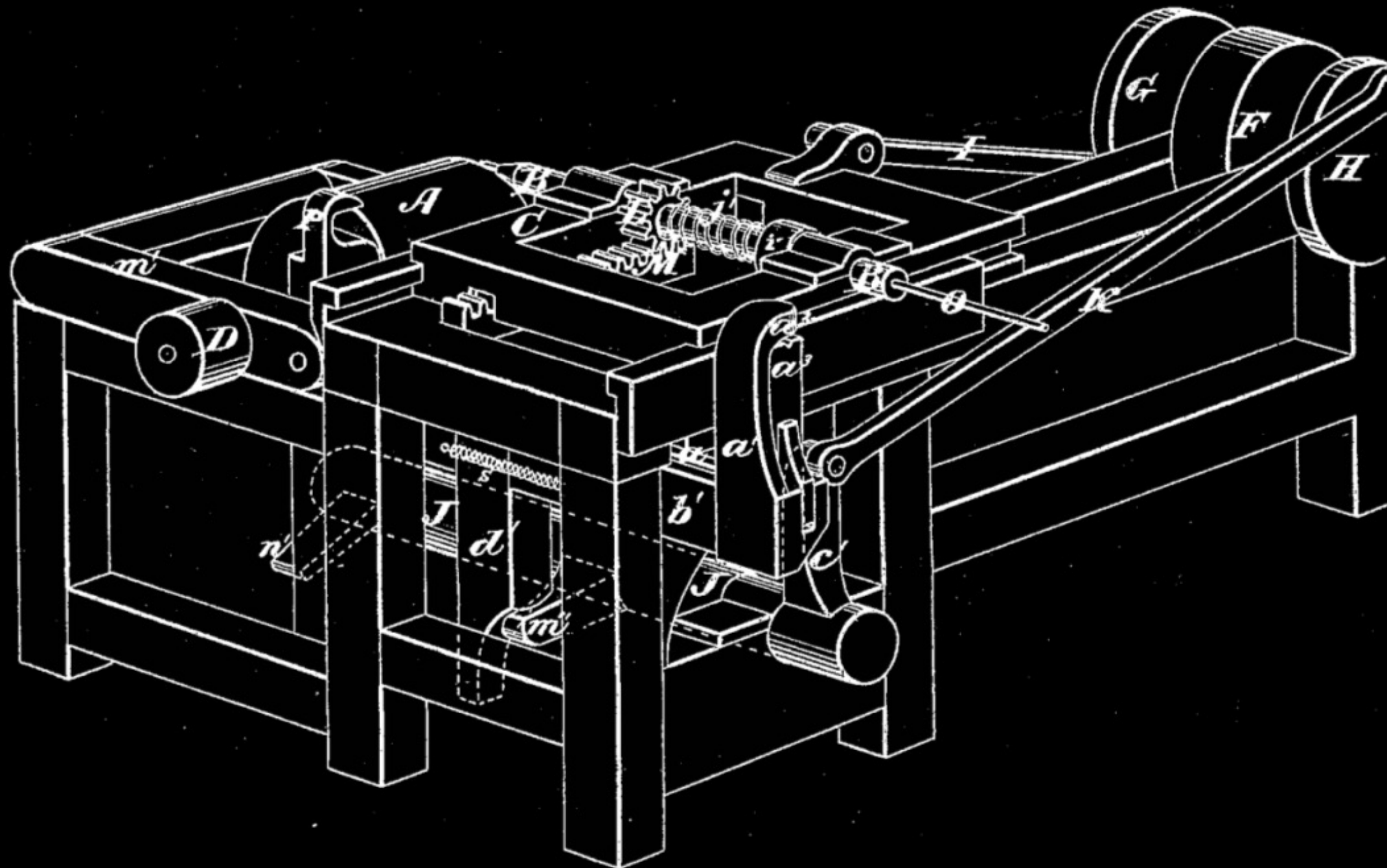


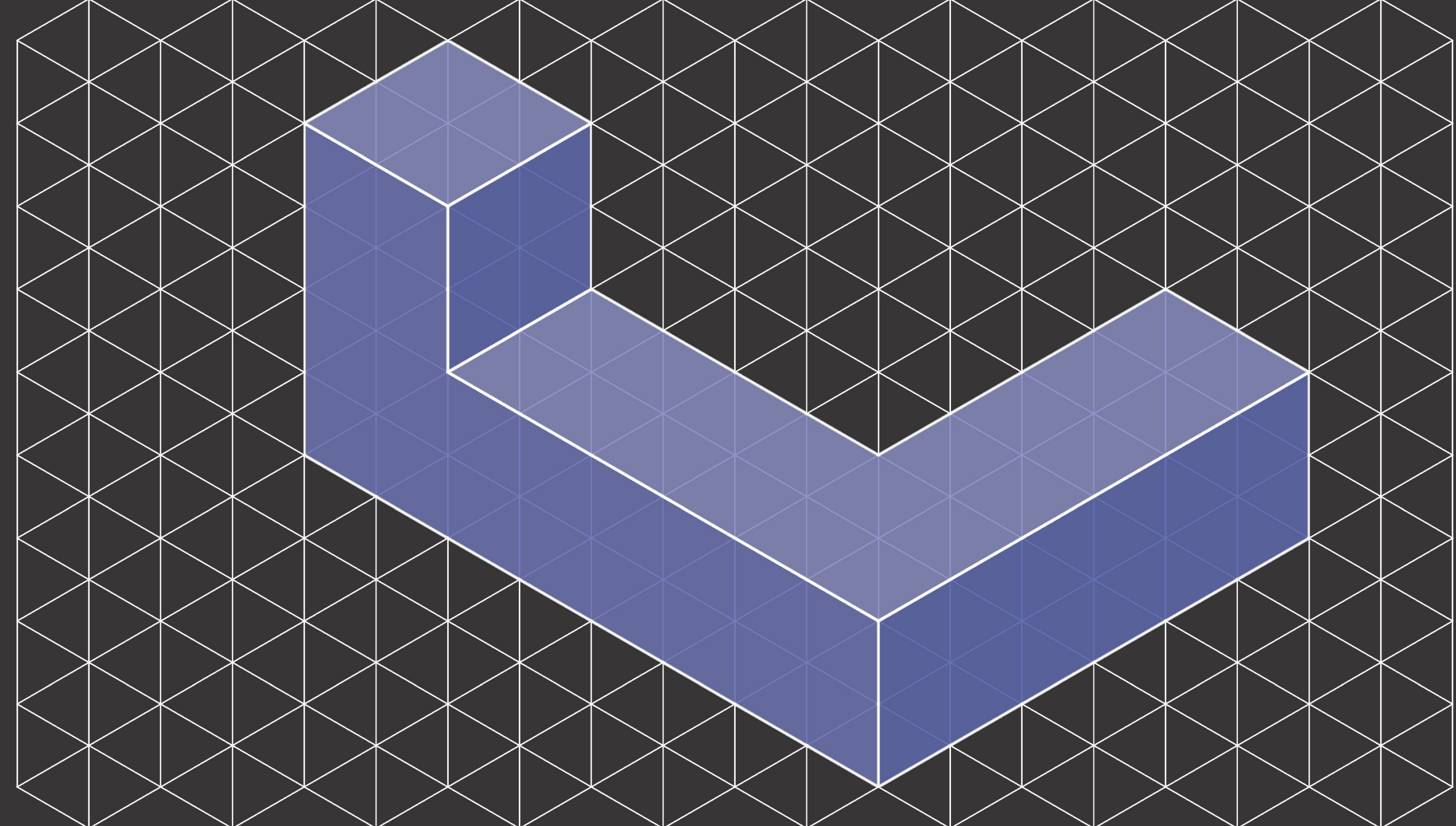


Curtain Wall Going Up

Roger Brown (1972)

Courtesy of the Roger Brown Study
Collection of the School of Art
Institute of Chicago







Alex 77
SUPPI



GOODGAME
STUDIOS

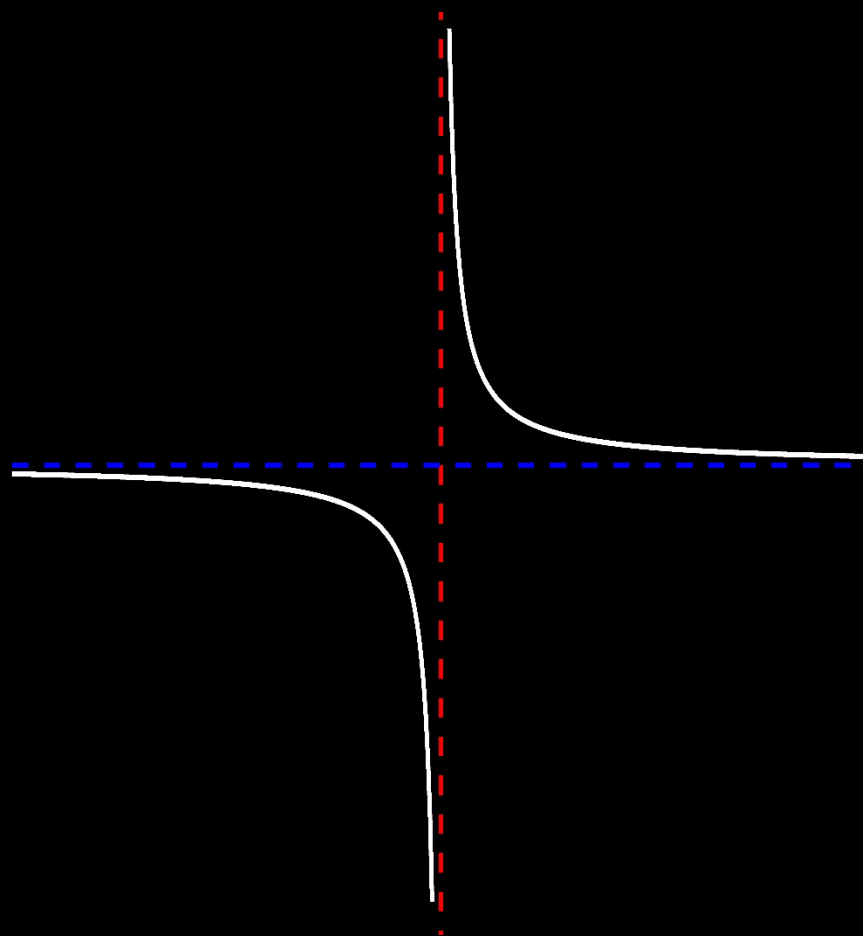
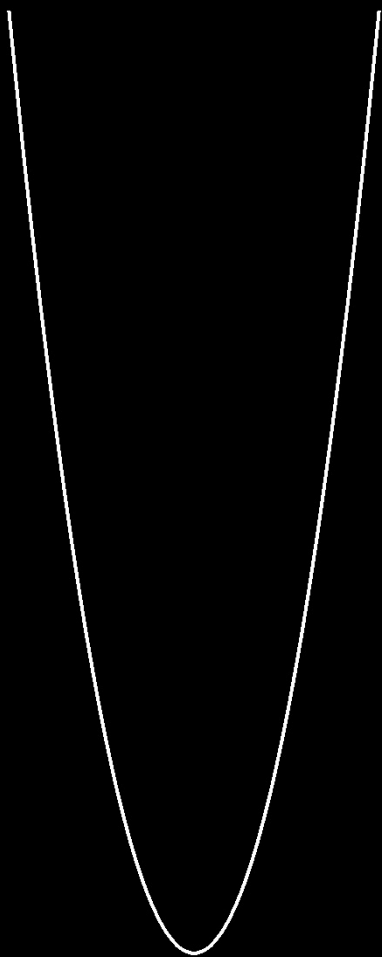
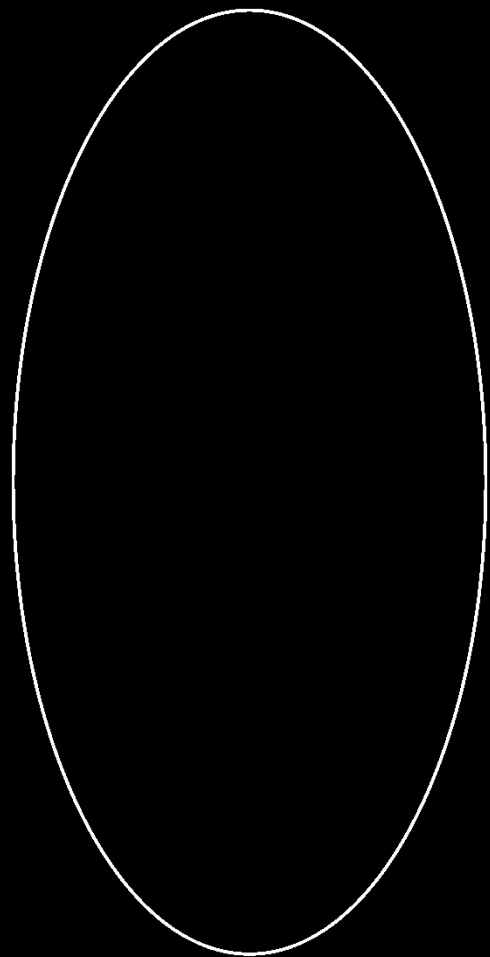












Image courtesy of West Highland
Museum, Fort William



Courtesy of Amayse Sports Branding

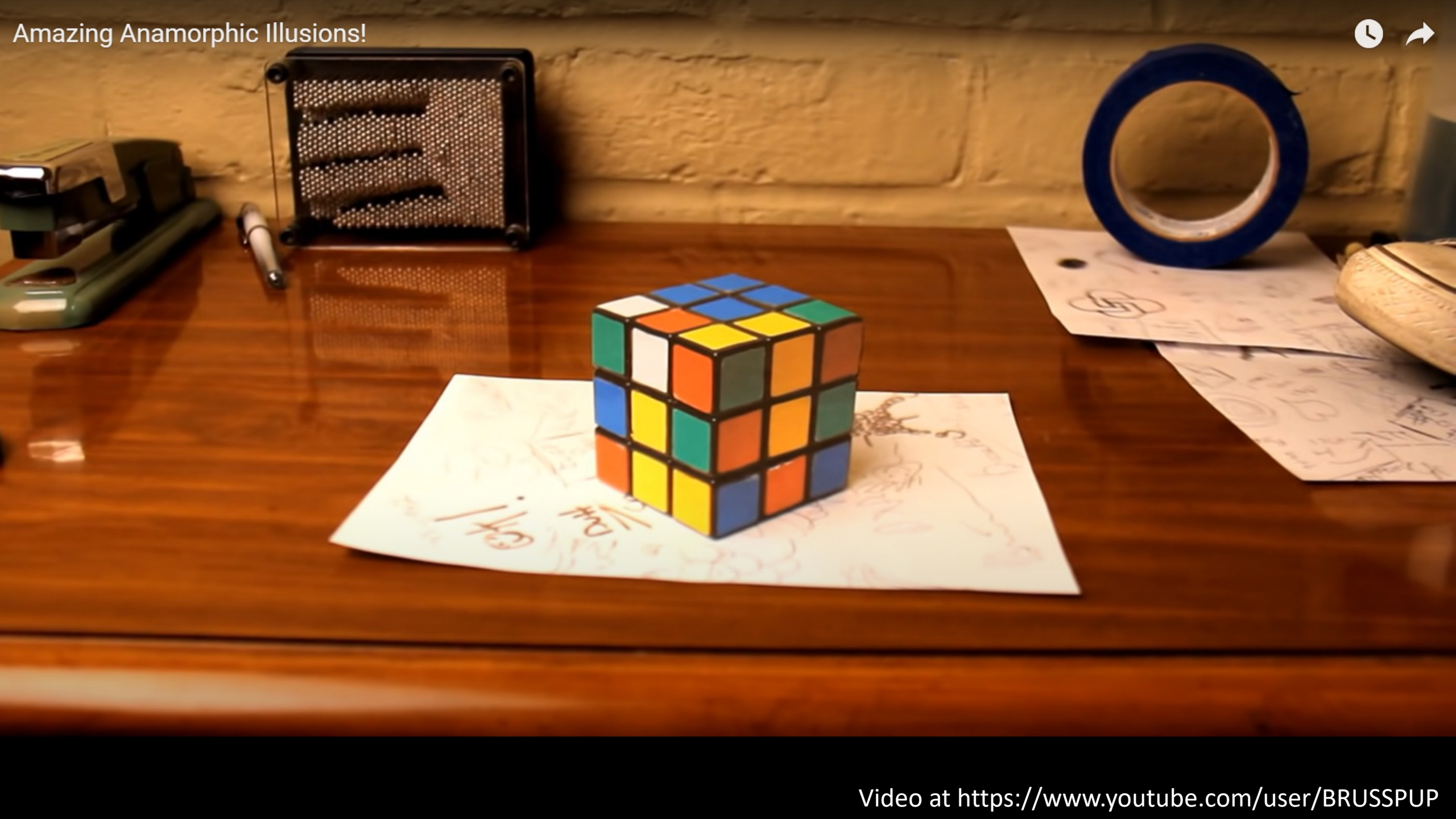


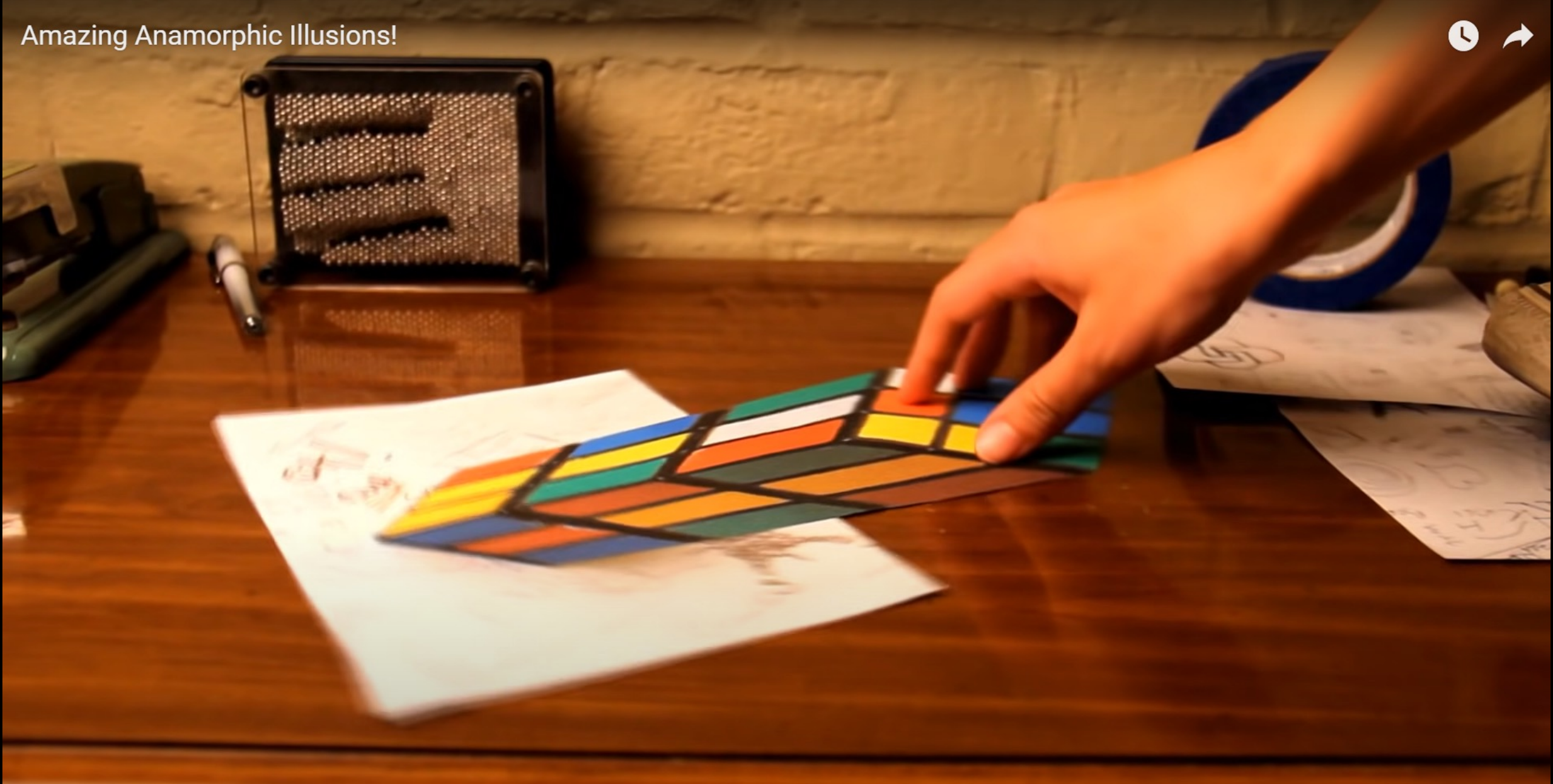


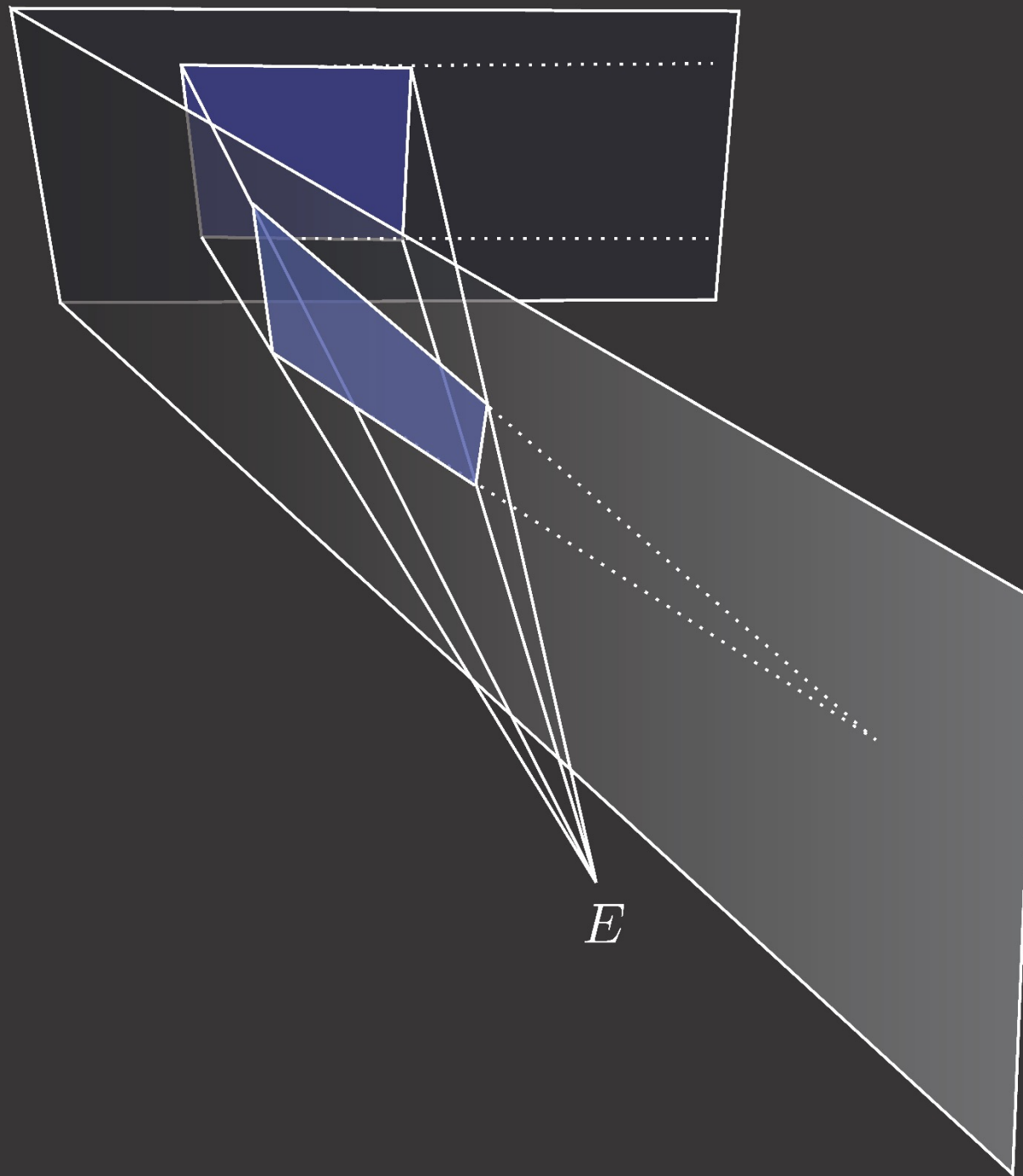
Courtesy of Amayse Sports Branding

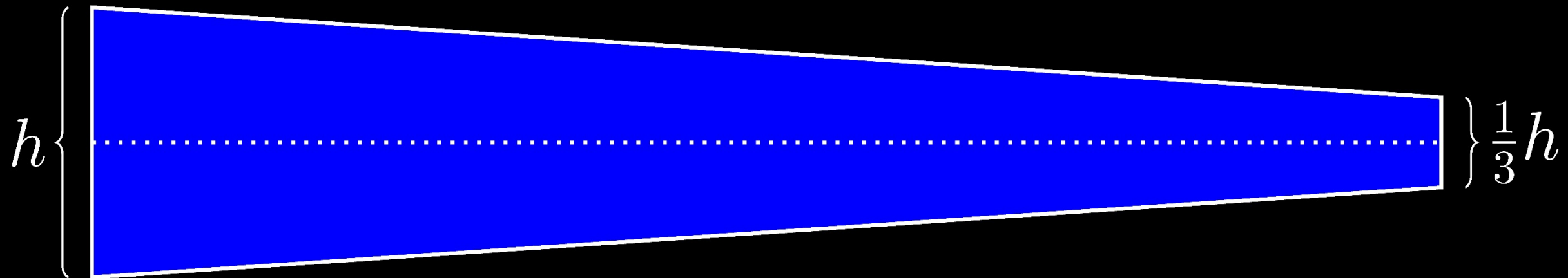


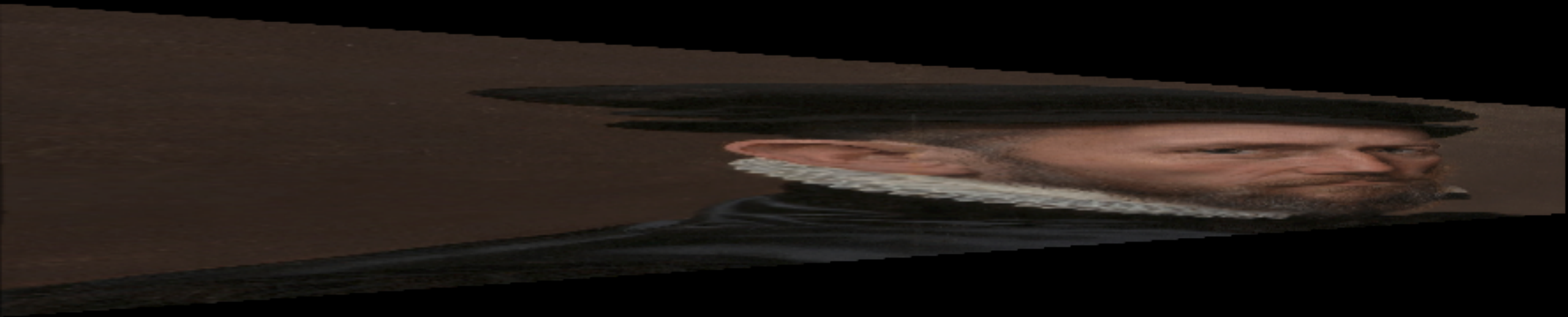
'Nine dancing triangles' by Felice Varini.
Collection: Chateau Chasse-Spleen,
Moulis en Medoc, 2012. Photo: André Morin.

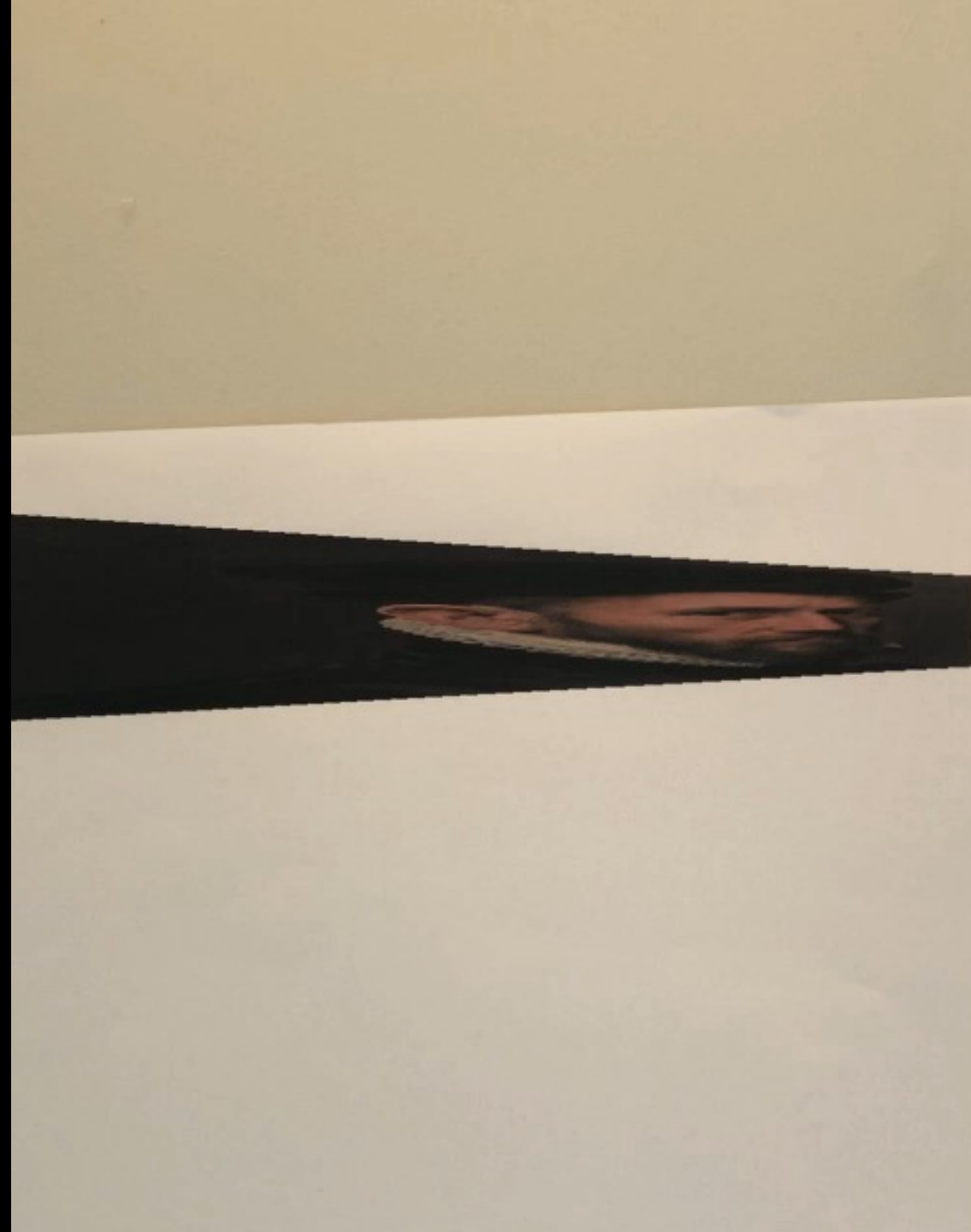
















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The Mathematics of Beauty and Symmetry

22nd November, 1pm

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