

## History of Optics at Itek

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## Abstract

Itek Corporation was founded in 1957. A major business quickly developed in the manufacture of large precision optical systems principally for aerospace photography. While the company is now highly diversified, this work continues as a major activity. This article discusses the work of the group especially in the field of image formation as it has been described in the scientific literature. An outline is given of the historical roots in earlier laboratory programs beginning at Boston University in 1946 and at Harvard University in 1941.

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Itek Corporation was founded in 1957. A major business quickly developed in the manufacture of large precision optical systems principally for aerospace photography. While the company is now highly diversified, this work continues as a major activity. This article discusses the work of the group especially in the field of image formation as it has been described in the scientific literature. An outline is given of the historical roots in earlier laboratory programs beginning at Boston University in 1946 and at Harvard University in 1941. © 1972 Optical Society of America. Full Article | PDF Ar

History of Optics begins with the development of lenses by the ancient Egyptians and Mesopotamians, followed by theories on light and vision developed by ancient Greek philosophers, and the development of geometrical optics in the Greco-Roman world. The word optics is derived from the Greek term  $\tau\alpha\ \acute{\omicron}\pi\tau\iota\kappa\acute{\alpha}$  meaning "appearance or look". Optics was significantly reformed by the developments in the medieval Islamic world, such as the beginnings of physical and physiological optics, and then significantly Posts about History of Optics written by thonyc. Firstly Galileo claimed that he devised the principle of the telescope and constructed his own purely on verbal descriptions without having actually seen one but purely on his knowledge of optics. He never claimed the invention as his own and the following sentence is pure rubbish. Galileo and his instrument maker

Loading [MathJax]/jax/output/CommonHTML/config.js tively high quality telescopes that he then presented as gifts to prominent political and Church figures.