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DEPT 2517, Ogden, UT 84403. *Influence of Art on the Development of Projective Geometry.*

During a summer project, an undergraduate student learned how projective geometry was influenced by art. The demand and development of new techniques used in art were the greatest discovery of the fifteenth century Renaissance. In this talk, we present what the student and his mentor learned while working of this project and we discuss the math behind the perspective projection and the growing achievements in art. (Received May 29, 2017)