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Capture of Hair Geometry from Multiple Images Sylvain Paris Hector M. Briceno Francis X. Sillion~ Artis GRAVIR/IMAG-INRIA\* Abstract Hair is a major feature of digital characters. Unfortunately, it has a complex geometry which challenges standard modeling tools. Some dedicated techniques exist, but creating a realistic hairstyle still ...

**Capture of Hair Geometry from Multiple Images**

Keywords: Descriptive Geometry, multiple images, two-views-system, essential matrix. Paper#T30. 1. INTRODUCTION Central projection: The basic term in this paper is the central projection or linear perspective with center  $z$  and image plane  $\pi$  (see Fig. 1). This is the geometric ideal-

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