

AUGMENTED REALITY: APPLICATIONS AND FUTURE ADVANCEMENTS

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ABSTRACT

This paper surveys the field of Augmented Reality, in which 3-D virtual objects are integrated into a 3-D real environment in real time. It describes various applications of Augmented Reality. This paper is meant to give a brief overview about Augmented Reality for those who are new to this field. Registration and sensing errors are two of the biggest problems in building effective Augmented Reality systems. We will also be discussing various types of Augmented Reality. This review provides a starting point for anyone interested in researching or using Augmented Reality.

General Terms

HMD, Virtual Reality.

KEYWORDS: Augmented Reality, Technologies, Applications, Limitations