

An Alternative Concept of Green Screen Keying

Authors : Jin Zhi

Abstract : This study focuses on a green screen keying method developed especially for film visual effects. There are a series of ways of using existing tools for creating mattes from green or blue screen plates. However, it is still a time-consuming process, and the results vary especially when it comes to retaining tiny details, such as hair and fur. This paper introduces an alternative concept and method for retaining edge details of characters on a green screen plate, also, a number of connected mathematical equations are explored. At the end of this study, a simplified process of applying this method in real productions is also introduced.

Keywords : green screen, visual effects, compositing, matte

Conference Title : ICCGV 2014 : International Conference on Computer Graphics and Vision

Conference Location : Paris, France

Conference Dates : November 21-22, 2014