Digital Composting using Chroma

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Abstract

In television and movie industry a so-called "blue box" technology is used, when an object in the foreground (e. g. a person) needs to be placed on a different background (e. g. a computer-generated 3D scene). However, it is often not economically justifiable to build a "blue box"; therefore other methods can be used to extract the foreground object and remove or replace background. Task will be to develop a method for automatic background removal (with a calibration procedure) that will work on a live video feed from a webcam.

References

- www.mediacollege.com (date: 12/10/2011)

Index Terms

Computer Science Image Processing
Keywords