Virtual Change of Illumination Color in Image Based Rendering

Tadahiro Kitahashi

Abstract: An extension of the ability of the Image Based Rendering (IBR) is described by presenting a method of generating images corresponding to the virtual change of the lighting color. It is an additional ability to the previous proposal that allows generating images by virtually changing the lighting orientation. It is also suggested that the basic idea developed in this paper might be applicable to the virtual varying object material.