

Physically Based Rendering

The art of the science of Light

$$L_o(p, \omega_0) = L_e(p, \omega_0) + \int_{S^2} f(p, \omega_0, \omega_i) L_i(p, \omega_i) |\cos \theta_i| d\omega_i$$

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1 Introduction

Ever since the advent of computers, there has been a concerted effort to imitate the behaviours we notice in our world by computers, creating an "uncanny" semblance, that some would call too realistic. For example,

1.1 Motivation