

## **Computational colour constancy: a view from the psychophysics side**

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### **ABSTRACT**

Humans are able to recognise an object's colour as being the same under different illuminants and against different backgrounds. This ability is known as colour constancy and although it has been extensively studied, its mechanisms are still not well understood. In this paper we will present a review of current and past psychophysical research into human colour constancy. Particular emphasis will be placed on those studies that, because of the systematic way in which they have been carried out, can inform the design and development of colour constancy algorithms.

