

Comparative analysis of color formation models for offset multi-color printing

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Abstract

The modern publishing software requires a mechanism that allows to display properly the color composition of an image at each stage of prepress. The most important transformation of the image colors occurs during the printing stage. In the area of spectral reflection factors of printed impression, the description of this transformation can be formalized as follows.

Keywords: color formation, offset multi-color printing, display, color composition, prepress, image color, printed impression.

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