## MBS 93-18 Criteria for Color Constancy in Trichromatic Bilinear Models Geoffrey Iverson, Michael D'Zmura

We examine conditions under which the spectral properties of lights and surfaces may be recovered by a trichromatic visual system that uses bilinear models. We derive criteria for flawless recovery, formulated in terms of commutators of model matrices, for situations in which either two or three lights are shone sequentially on a set of surfaces.