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Underlying Galaxy Subtraction of the Blazar PKS 2201+044
JEREMY MAUNE, Georga State University — Results of the deconvolution of the central, non-thermal source of PKS 2201+044 from the surrounding elliptical galaxy will be presented. Differential photometry on this object was preformed on images obtained from telescopes belonging to the Lowell Observatory in Arizona and SMARTS in Chile. The central object was then extracted from the background source using the multiple aperture "Galaxy Growth-Curve Given" technique as described in Sandage (Ap. J.,180, 687-697, 1972). The impact on the perceived variability of the object - as well as comparisons to similar objects using both convolved and deconvolved data - is discussed.

Jeremy Maune
Georga State University

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