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## Transverse Charge Densities of Hadrons<sup>1</sup> GERALD MILLER,

Physics Dep't, University of Washington — Electromagnetic form factors have long been used to probe the underlying charge and magnetization densities of hadrons and nuclei. Traditional three-dimensional Fourier transform methods are not rigorously applicable for systems with constituents that move relativistically. The use of the transverse charge density is a new, rigorously defined way to analyze electromagnetic form factors of hadrons. This talk will be concerned with the meaning of transverse charge density and examples based on recent results.

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