1003-49-1316 **Wondimagegnehu Geremew*** (gwondi@math.wayne.edu), 5200 Anthony Wayne Drive, Apt. 502, Detroit, MI 48202, and **Boris Mordukhovich**. *Radius of Metric Regularity In Variational Analysis.*

Radius of metric regularity is a measure of how big a linear perturbation could be before we loose metric regularity of a given set-valued map. It is known that this number is closely related to the modulus of metric regularity of the given map at the point of interest. In this talk we will give a formula to compute regularity modulus for generalized constraint systems using coderivative calculus. (Received October 04, 2004)