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**Gangadhar R. Hiremath\*** ([gangadhar.hiremath@uncp.edu](mailto:gangadhar.hiremath@uncp.edu)), Dept of Math and Comp Sci, PO Box 1510, UNCP, Pembroke, NC 28372. *New Metrization Theorems in Terms of Semi-open Covers*. Preliminary report.

M-spaces in the sense of K. Morita and the Moore spaces are generalizations of metric spaces in different directions that are respectively generalized as wM-spaces in the sense of T. Ishii and semi-metric spaces. In this article, the characterizations of wM-spaces and semi-metric spaces in terms of semi-open covers are established and a very general characterization of metric spaces in terms of semi-open covers is established. (Received August 30, 2007)