

1116-VU-2859 **Gangadhar R Hiremath*** (gangadhar.hiremath@uncp.edu), Dept of Math/comp Sci, PO Box 1510, One University Drive, UNCP, Pembroke, NC 28372. *Pseudometrizable in the Class of Essentially Hausdorff Spaces.*

Essentially Hausdorff axiom is shared by the Hausdorff spaces and regular spaces. Interesting observations are first countable countably paracompact spaces and paracompact spaces in the class of essentially Hausdorff spaces are regular. Among many interesting results established in the class of essentially Hausdorff spaces are the following:

A topological space is pseudometrizable 1. if and only if the space is essentially Hausdorff semistratifiable wM-space;
2. if and only if the space is the space is essentially Hausdorff submetacompact quasi-developable wM-space (Received September 22, 2015)