

# Transversal hypersurfaces in weighted manifolds

Mohammed Abdelmalek

*High School Of Management, Tlemcen, ALGERIA*  
[abdelmalekmhd@hotmail.fr]

In this work we establish a relation between the transversality of two given hypersurfaces and the ellipticity of the weighted Newton transformations. In the second part we derive a flux formula of the Weighted Newtons transformations which can help us to minimize the weighted mean curvature by the geometry of the boundary of the hypersurface.

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