1106-97-932   **Lina Wu*** (`lwu@bmcc.cuny.edu`), 529 West 42nd Street Apt. 5K, New York, NY 10036, and **Annie Han** (`yhan@bmcc.cuny.edu`), 199 Chambers Street, New York, NY 10007. *The Origin, Development, and Dissemination of Differential Geometry in Mathematics History.* Preliminary report.

Geometry came from solving problems in Astronomy related to "Earth Measurement". The origin of Differential Geometry began with geometric properties of curves and surfaces in space at the beginning of the 19th century. The ancient study was related to Calculus techniques, Carl Friedrich Gauss on Gauss Curvature, Bernhard Riemann on Riemannian Manifold in 1854 and Albert Einstein's General Relativity Theory between 1907 and 1915. The contemporary study focused on geometric structures of various manifolds. It was enhanced by Shiing-Shen Chern on Chern's Characteristic Classes, Shing-Tung Yau on Calabi-Yau Manifold and Minimal Surfaces Theory, Henry Wente on Wente Torus as the Constant-Mean-Curvature Surface, Shihshu Walter Wei on p-Harmonic Theory, etc. (Received September 08, 2014)