

1124-46-7

**Sartaj Ali\*** (sartajali2004@yahoo.com), Women University, Azad Jammu and Kashmir, Bagh,  
and **Mujahid Abbas** and **Clement Boateng Ampadu**. *Best Proximity Point Theorems  
inspired by Chatterjee-Wardowski Type Contractions in Modular Function Spaces*.

Inspired by the works in [S. K. Chatterjee, “Fixed point theorem,” C. R. Acad. Bulgare Sci., vol. 25, pp. 727–730, 1972; Wardowski Fixed Point Theory and Applications 2012, 2012:94], we introduce a new contraction called Chatterjee-Wardowski contraction, and use it to obtain some best proximity results in the setting of this paper. We define Chatterjee-Wardowski proximal contraction of the first and second kind and obtain some best proximity theorems inspired by the notion of Chatterjee-Wardowski contraction. Examples are given to motivate the preliminaries and main results.

(Received August 04, 2016)