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Abstract Details

Title: Various Coil Shape Performances in Development of Wireless Power Transfer

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Abstract: The transfer of power without conductor or physical connection is called wireless power transmission. The basic concept of power transfer using electromagnetic induction and performance changes using various shapes of coil with comparison of performance in transmission and receiving of power is introduced in this paper. Experimental prototypes are used to verify the results.

Keywords: Wireless power transmission, electromagnetic induction, Efficient Communication, System Security.