

**Analysis and static mode optimization of simultaneous inductive and capacitive coupled wireless power transfer system**

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**Automatic position detection and transmitting activation of dynamic wireless power transfer system with air capacitor**

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**Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints**

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**Coil design for wireless power transfer with series-parallel compensation**

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**Concept of wireless low-voltage DC socket for the residential house application**

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**Design and simulation verification of low power wireless charging battery system for electric bicycle**

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**Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-Type inverter**

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