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Transformer - Working Principle, Construction And Operation

Principle Of Operation Of Transformers. The Transformer Works On The Principle Of Mutual Inductance And Faraday's Law Of Electromagnetic Induction. The Flow Of AC Through A Coil Produces An Alternating Magnetic Field. When Another Coil Is Brought In Contact With The Alternating Magnetic Field, Voltage Is Induced In That Coil. According To Faraday's Law, The Magnitude Of The Induced Voltage Depends On The Rate Of Change Of Magnetic Flux Linking The Second Coil And The Number Of Turns. May 2th, 2020

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A Transformer Is A Passive Electrical Device That Transfers Electrical Energy From One Electrical Circuit To Another, Or Multiple Circuits.A Varying Current In Any One Coil Of The Transformer Produces A Varying Magnetic Flux In The Transformer's Core, Which Induces A Varying Electromotive Force Across Any Other Coils Wound Around The Same Core. . Electrical Energy Can Be Transferred Between ... Feb 6th, 2020

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Section 4 - Power Transformer Design

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