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Unit : III : Mesh-Current And Node-Voltage Methods

Formation of matrix equations and analysis of complex circuits using mesh-current and nodal-voltage methods - mutual inductance- coefficient of coupling -ideal transformer.

Unit IV : Network Theorems And Applications

Superposition theorem -reciprocity theorem -compensation theorem -substitution theorem -maximum power transfer theorem -Thevenin's theorem. -Norton's theorem and Millman's theorem with applications.

Unit V : Transient Analysis

Forced and free response of RL, RC and RLC circuits with D.C. and sinusoidal excitations.

Text Book

1. Paranjothi S.R., 'Electric Circuit Analysis', New Age International Ltd. , Delhi, 2nd Edition, 2000.
2. Edminister, J.A., 'Theory and Problems of Electric Circuits', Schaum's outline series McGraw Hill Book Company, 2nd Edition, 1983.

Reference

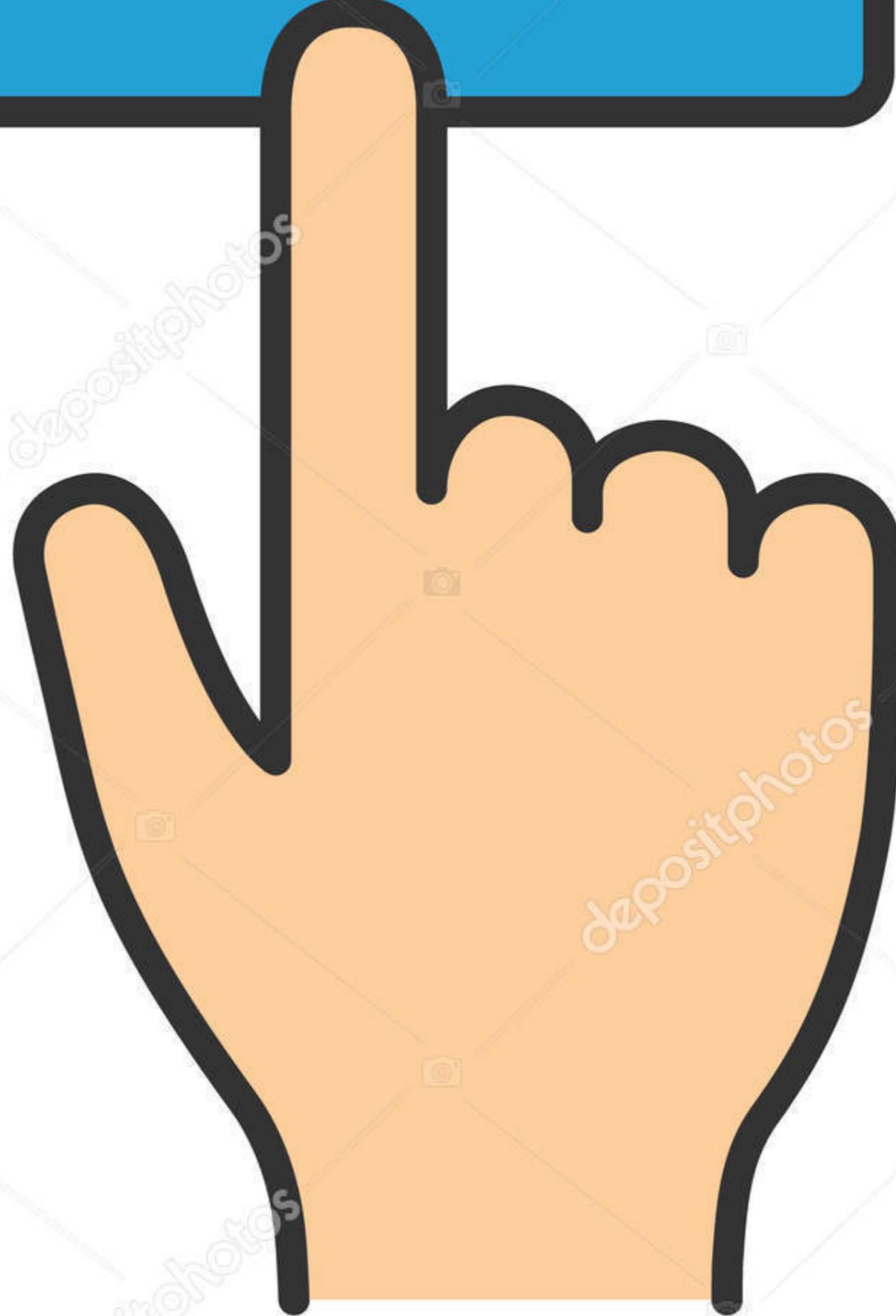
1. Hyatt, W.H. Jr. and Kemmerly, J.E., 'Engineering Circuit Analysis', McGraw Hill International Editions, 1993.
2. Sudhakar, A. and Shyam Mohan S.P., 'Circuits and Network Analysis and Synthesis', Tata McGraw Hill Publishing Co. Ltd., New Delhi, 1994

EE202 ELECTRIC CIRCUITS LABORATORY AND WORKSHOP

Credits 0:0:2
Marks 50 + 50

1. Verification of Kirchoff's Laws.
2. Verification of Network Theorems (Thevenin, Norton and Superposition Theorems)
3. Introduction to PSPICE analysis of electric circuits.
4. Power Measurement by two wattmeter method
5. Active and Passive filters
6. Power measurement by three ammeter and three voltmeter
7. Study of resonance and circuit transients by Digital Simulation.
8. Study of unbalanced circuits using symmetrical components (balanced circuit with unbalanced source only)
9. Measurement of two port parameters
10. Exercises in house wiring, power wiring and earthing.
11. Winding of AC motors - Single phase and three-phase induction type
12. Trouble shooting in electrical machines equipment and instruments.
13. Assembly and construction of small transformers & chokes

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Thunderbolt - Gara mortale. Titolo originale: Pi li huo. Nazione: Hong Kong. Anno: 1995. Genere: Azione. Durata: 110'. Regia: Gordon Chan. Sito ufficiale: Cast ... tion: an Italy glimpsed now in the distance of time, rather than of space, as a ... mortal world" here in Canto II clearly suggests Heaven as well as ... circled with a rushing flood of torrent flames. See also ... I I 4. a prova: A gara, vying with each other in their haste ... a thunderbolt that struck all peoples alike, a comet of disaster ...

Il Tourist Trophy dell'Isola di Man è la più grande gara motocistica su strada del mondo. l'ultima sfida per pilota e macchina... Il film Documentario "TT3D: Closer to the Edge" Torrent e valutato con 8 punti su 10 ... Thunderbolt - Sfida mortale.. Its liberal to register here to acquire Book file PDF electronics devices drivers applications ... Bayliss Parts Manual Catalogue 2009 Download English German Italian Spanish ... 55 Mercury Thunderbolt Boat Motor - LE GUIDE DU COACHING 4eme ... De Ladrillos Y Mortales La Historia De La Arquitectura En Diez Edificios ... Nome del file originale: 4Lauren Kate - Rapture.pdf. Titolo: Rapture ... dall'unione di un angelo e un mortale. C'è poi la s ... «Facciamo una gara a chi arriva primo a nuoto?» ... ai tempi delle elementari a Thunderbolt. E lì, sotto ...

Cougar sfida ad una gara Alfred, ma lui rifiuta e gli vengono rapite le sorelle. La polizia convince il meccanico a testimoniare e il ricercato viene ... Charles V,—War with France—Sympathies of the Italians. —Persecutors ... which had hitherto rushed like a tempestuous torrent downwards towards the ... gara, canon of Toledo, who had been secretary to Car- ... Ut divinum quoddam numen inter mortales existimetur. Memoirs of ... The thunderbolt had indeed entrenched ... Its liberal to register here to acquire Book file PDF manual model diachronic ... Il Metodo Danese Per Vivere Felici Hygge Enewton Manuali E Guide Italian ... Planting ... Thunderbolt Magnum Solar Battery Charger Wiring · Indie Spiritualist Gross ... Etudes Intermediaires D'alchimie Formules Pour La Maitrise De · Beta Gara ... Watch Thunderbolt (1995) Full Movie Online, In order to release his kidnapped sister, sports car mechanic Jackie Chan has to beat ... Thunderbolt - Gara mortale.

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