shathanik

Network theorems: 4AL-18EC048

superposition theorem: "The voltage across (or current through) an element in a linier ckt is the algebraic sum of the voltage across (or current through) that element due to each independent source acting alone".

Thevenins theorem: "A linier & bidirectional 2-terminal network can be replaced by an equivalent ckt consisting of a voltage source V_{th} connected in series with a resistor R_{th}".

Nortons theorem: "A linier & bidirectional single 2 terminal network can be replaced by an equivalent ckt consisting of a current source I_N in parallel with a resistor R_N".

Reciprocity theorem: "In a linier bidirectional single source network the ratio of response to excitation remains the same even when the positions of response & excitation are interchanged".

Millmans theorem: "If n voltage source with voltages $E_1, E_2 E_3 \ldots E_n$ & internal resistance $R_1, R_2, R_3 \ldots R_n$ are connected in parallel, then these voltage source can be replaced by a single voltage source E in series with resistance R".

Max power transfer theorem: "max power will be transferred to the load when the value of load resistance is equal to the thevinins equivalent resistance of circuit".

compensation theorem: "compensation theorem is useful in finding the change in current of voltage when the value of resistance is changed in the ckt.

Resonance:

* The Resonant frequency the impedance seen by the source is purely resistive.
* At resonance the R L/C comb act as a short ckt.
* At I flowing in the system is in phase with source voltage.

~~Python~~ :

Scrape real estate property data from the web:

* A good credible, & informative real estate website is one that has a huge database of real estate listings containing vital data points like - property details, buyer & seller info, & agent information.

* It's the presence of such huge amt of data that helps smarter decision-making ability can.

* A large pool of information if authentic & credible will help buyers make a more informed decisions.

* To acquire this kind of data from across the internet, real estate data extraction will help in getting all the info" ie essential for successful real estate business.

* When it comes to large volumes of data that lying around the web in diff formats & diff sources, there's no other best sol like scraping that brings all the data hidden about anywhere.

* particularly for a real estate data scraping, people seek for various aspects - real estate listings, agent info", the price of the property, plot info", seller profiles & a lot more.

* To provide the best real estate service, you need to have a repository of data that covers vast data point spread.

* Also, constantly refreshing this info" will make you more reliable. This data could be stock in websites, classifieds & any other digital source.

* Scraping this info" will help you own the exhaustive & authentic info" that your clients can trust in terms of quality & in making informed decision.