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Here is an updated version of the \$domain website which many of our East European book trade customers have been using for some time now, more or less regularly. We have just introduced certain upgrades and changes which should be interesting for you. Please remember that our website does not replace publisher websites, there would be no point in duplicating the information. Our idea is to present you with tools that might be useful in your work with individual, institutional and corporate customers. Many of the features have been introduced at specific requests from some of you. Others are still at preparatory stage and will be implemented soon.

Power Electronic Converters Modeling And

A power inverter, or inverter, is a power electronic device or circuitry that changes direct current (DC) to alternating current (AC). The resulting AC frequency obtained depends on the particular device employed. Inverters do the opposite of "converters" which were originally large electromechanical devices converting AC to DC.

Power inverter - Wikipedia

A buck converter (step-down converter) is a DC-to-DC power converter which steps down voltage (while drawing less average current) from its input (supply) to its output (load). It is a class of switched-mode power supply (SMPS) typically containing at least two semiconductors (a diode and a transistor, although modern buck converters frequently replace the diode with a second transistor used ...

ELECTRICAL ENGINEERING

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Buck converter - Wikipedia

E E 452 Power Electronics Design (5) Electronic conversion and control of electrical power. Includes semiconductor switching devices, power converter circuits, design of magnetics, and control of power converters. Also ac/ac, ac/dc, and dc/dc power converters; circuit simulation; extensive laboratory work; a four-week power converter design ...

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