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Thyristors are the family of solid-state devices extensively used in power electronics circuitry such as SCR

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(silicon-controlled rectifier), DIAC (diode on AC), TRIAC (triode on AC), GTO (gate turn-off thyristors), MCT (MOS-controlled thyristor), RCT, PUT, UJT, LASCR, LASCS, SIT, SITH, SIS, SBS, SUS, SBS and etc. SCR is the oldest member and the head of this family; and usually referred with the name

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He has previously authored seven books published by Prentice Hall:

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Circuits cell phones and media players as well as circuits in vehicles may be spoken of as having a "ground" connection without any actual connection to the Earth, despite "common" being a more appropriate term for such a connection.

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Ground (electricity) - Wikipedia

Power electronics is the application of solid-state electronics to the control and conversion of electric power. The first high power electronic devices were mercury-arc valves. In modern systems, the conversion is performed with semiconductor switching devices

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Circuits such as diodes, thyristors, and power transistors such as the power MOSFET and IGBT. In contrast to electronic systems concerned with transmission and processing of signals and data, in power electronics substantial amounts of electrical

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Power electronics - Wikipedia

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