Experiments on the current rampdown phase in the STOR-M tokamak for AC operation

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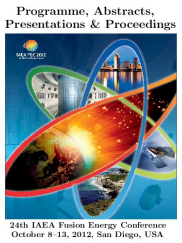

Description: -
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Tokamak devices
Alternating currentExperiments on the current rampdown phase in the STOR-M tokamak for AC operation
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Operation of the Tokamak ISTTOK in an Alternating Current Regime

This cancellation is not perfect, but calculations showed it was enough to allow the fuel to remain in the reactor for a useful time.

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Various experiments at that time suggested the Bohm rate did not apply, and that the classical formula was correct. Finally, it was noted that when the plasma had a non-uniform density would give rise to internal electrical currents.

Conventional Tokamak Table Contents

This allowed them to measure the of various fusion reactions, and determined that the deuterium—deuterium reaction occurred at a lower energy than other reactions, peaking at about 100,000 100 keV.

Plasma Physics and Controlled Fusion, Volume 35, Number 6, June 1993, June 1993

Ion Implantation Bradley Plasma ion implantation is an innovative material modification technique whereby controlled quantities of desired impurities are implanted into target materials by applying high-voltage negative pulses to a target immersed in a plasma a gas of ions and electrons composed of the ions to be implanted. The reaction chamber of the , an experimental tokamak fusion reactor operated by in San Diego, which has been used in research since it was completed in the late 1980s.

The operation results and study of KSTAR pulsed electric power network for superconducting magnet power supply

He began to reformulate the entire program.

Plasma Physics and Controlled Fusion, Volume 35, Number 6, June 1993, June 1993

Thus, concrete and polyethylene doped with boron make inexpensive neutron shielding materials. MIT's was the world leader in magnet design and they were confident they could build them.

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