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Type: Poster

Structural design and analysis of the feeder in the CFETR CS model coil

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According to the CFETR CS model coil properties test requirements, a large cryogenic test platform will be set up. The feeder, as one of the important components of the platform, should be studied to afford the much valued help for the basic test facilities. The paper focuses on the structural design (location, conductor type, insulation, supports and so on) and FE analysis based on the gravity load, heat load and induction electromagnetic force at room temperature/low temperature.

Eligible for student paper award?

No

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