

Multi-phase simulation of Alfvén eigenmodes and fast ion distribution flattening in DIII-D experiment

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- ◆ Multi-phase simulation = classical and hybrid simulations are performed alternately until a steady state appears
- ◆ Good agreement with DIII-D experiment in
 - ◆ fast ion pressure profile
 - ◆ amplitude and phase profiles of δT_e
 - ◆ δT_e amplitude within a factor of 2
- ◆ Useful for the prediction of AE activity and EP transport in burning plasmas

