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## **TAE during minor disruptions in the SUNIST spherical tokamak**

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Toroidal Alfvén eigenmodes (TAEs) during minor disruptions have been identified in the ohmic plasmas of the SUNIST spherical tokamak. The TAE modes are observed in the frequency range of 150 - 400 kHz. The mode structure analysis indicates the existence of both  $m/n=-3/-1$  and  $-4/-1$  harmonics, propagating in the electron diamagnetic direction in the laboratory frame of reference. These TAEs appear simultaneously with the generation of REs in the current quench phase, followed by a RE current plateau.

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China

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