

GYROKINETIC NEOCLASSICAL STUDY OF THE X-POINT HEIGHT ON EXB FLOW STRUCTURE IN AN H-MODE EDGE PLASMA

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- The role of divertor configuration in the edge of L and H mode plasmas are studied using the gyrokinetic full-f code XGCa for neoclassical physics.
- The X-point height and consequent position of the strike point of the outer leg on the horizontal/vertical divertor plate can affect the pedestal physics.
- The ExB profile is affected by changing the X-point height which in turn may change the pedestal physics and subsequent ELM physics as well.