

ACT1: Status of impurity modelling with ETS

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1. Kepler workflow - bags:
 - V_{pinch} for impurity – now is correct (it is important that, in capital letter or small in Kepler
 - No correct boundary value for impurity for $Z > 13$
 - No correct source for electron equation
 - Now for this same condition give different n_e value (because??), for case when prescribed electron density
 - Revised the diffusion coefficient by BgB: 18000, is no correct
2. Fortran workflow
 - No defined the D , V_{pinch} for impurity
 - Mistake in source from impurity to electron equation
 - Changes in boundary for impurity for $r=0$

CONCLUSION

Not possibility reproduces this same result from 4.09 and 4.10 form Garching!
Need check main plasma, neutrals, impurity starting for Fortran workflow.
Next steep revised the Kepler workflow