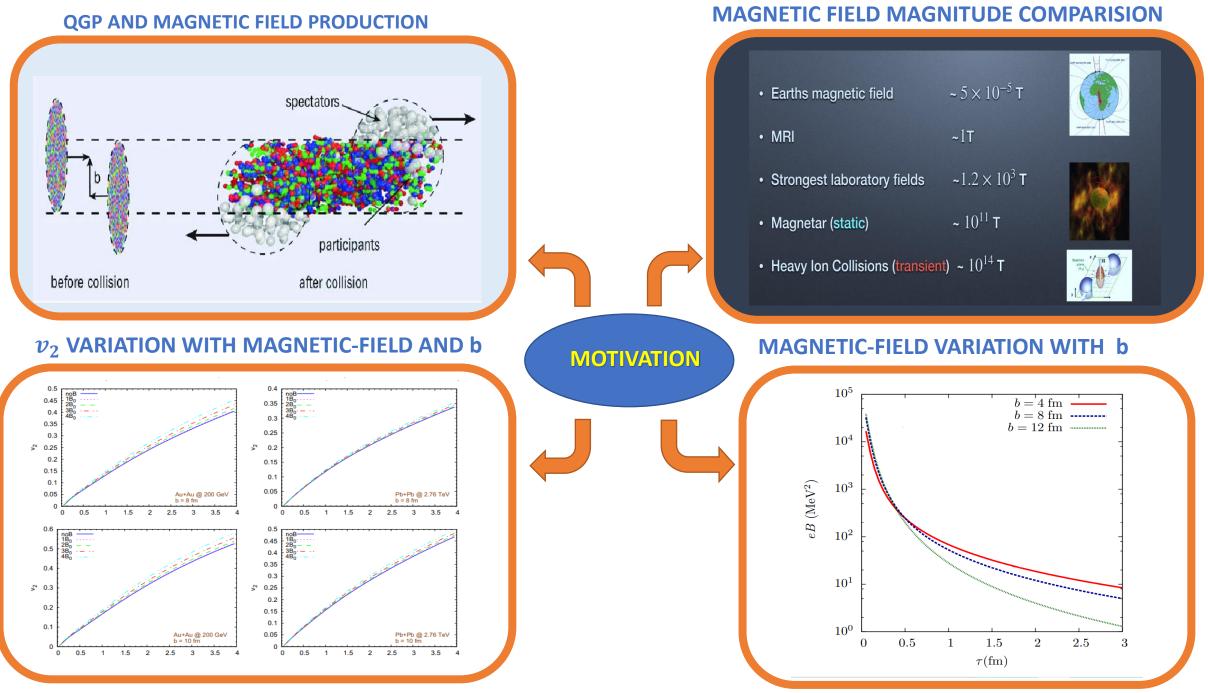
Causal second-order magnetohydrodynamics from kinetic theory using RTA approximation



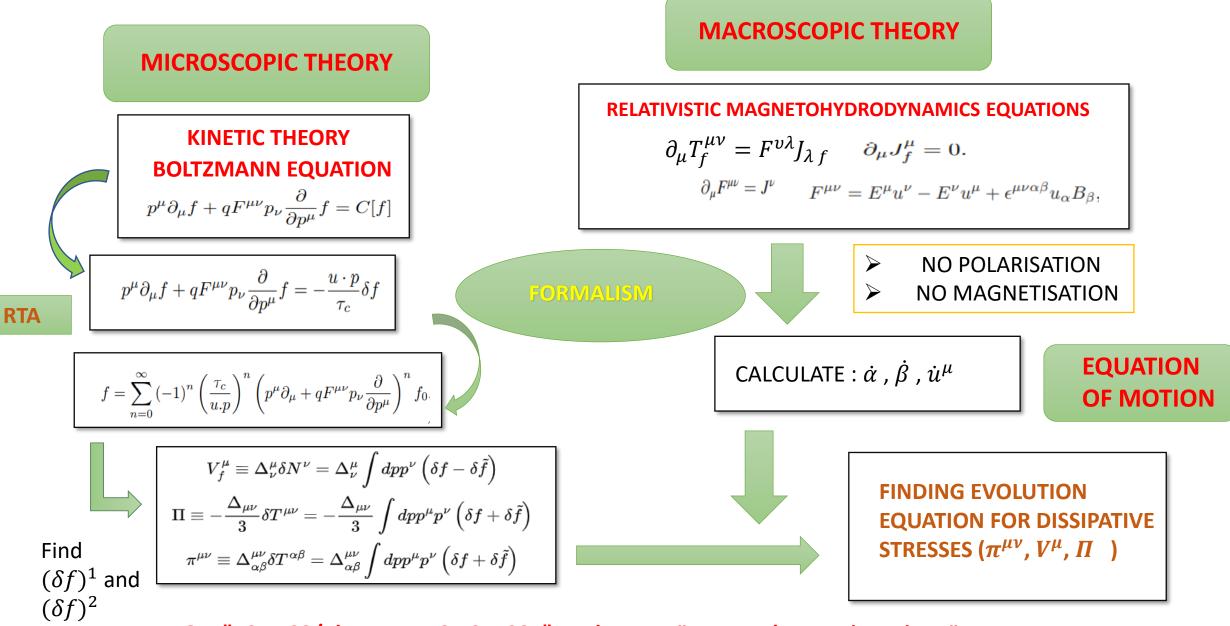


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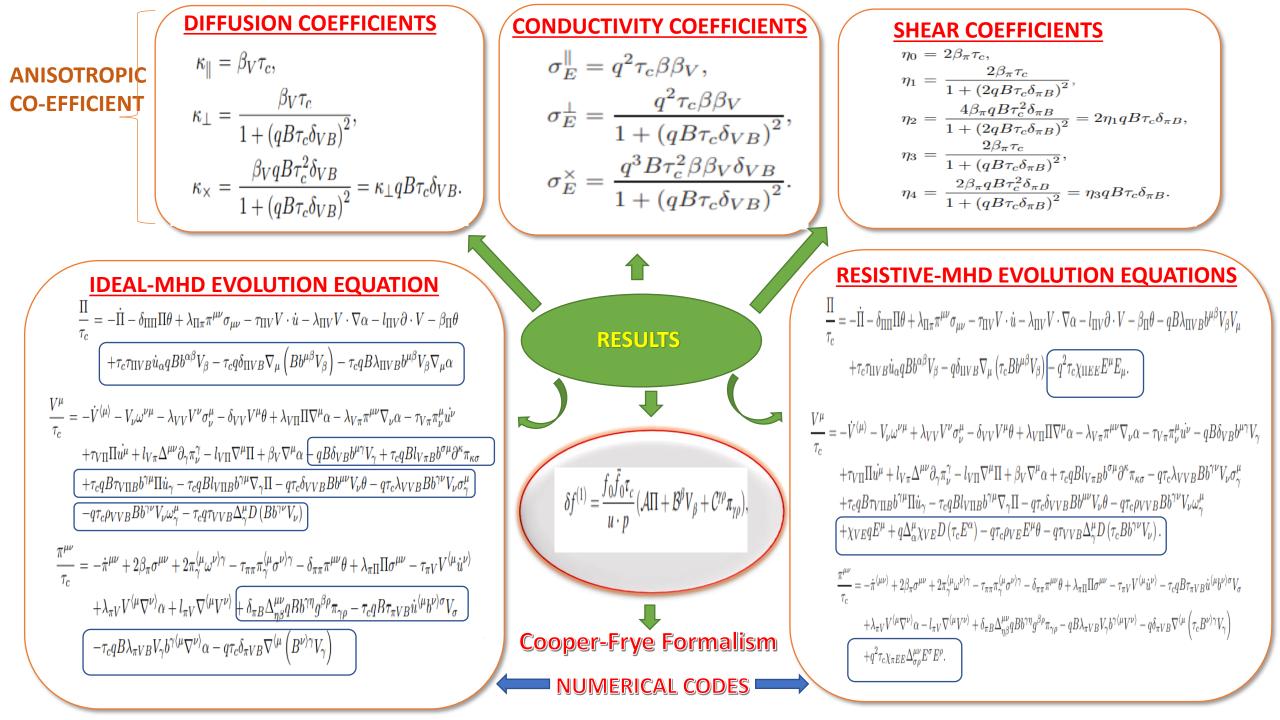


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SUMMARY

- □ We Found out the 2nd-ORDER evolution equations of viscous stresses .
- □ All the Transport coefficients pertaining to this study have been evaluated .
- □ The anisotropic transport coefficients of shear , diffusion stresses and for the electrical conductivities have also been evaluated in the presence of external electromagnetic field.
- □ From kinetic theory perspective we have found out the small corrections to equilibrium distribution function which can be readily used in the cooper-frey formula to find out different flow harmonics.

THANK YOU