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Homogeneous solutions to the Einstein-matter equations at a conformal gauge singularity

Monday 14 April 2025 17:30 (15 minutes)

I will present expansions of the metric and its derivative near a conformal gauge singularity (also known as isotropic singularities) for Bianchi I symmetric massless solutions of the Einstein-Vlasov and Einstein-Boltzmann system with a magnetic field. We will discuss how this can be related to our universe. This is work in collaboration with Ho Lee, John Stalker and Paul Tod.

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