



# JOURNEY OF YOUNG PDEst (PDE SEMINAR)

## Well-posedness of the Vlasov-Poisson-Fokker-Planck Equation

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In this talk, we discuss the well-posedness of solution for the Vlasov-Poisson-Fokker-Planck Equation. The well-posedness will be discussed around the global Maxwellian which is the stationary solution of the Vlasov-Poisson-Fokker-Planck Equation. I will state notations and talk about results about energy estimate and the dissipations of the given equation. Using those results, I will state the existence of solution for the Vlasov-Poisson-Fokker-Planck Equation and briefly talk about large time behavior of the solution.

and we're grateful to have you  
on board.

2024. 4. 29 (월) 14:00-16:00 과학관 262호

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