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**Title:** Existence and stability of global large strong solutions for the Hall-MHD system

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**Abstract:** We consider the 3D incompressible Hall-MHD system and prove a stability theorem for global large solutions under a suitable integrable hypothesis in which one of the parcels is linked to the Hall term. As a byproduct, a class of global strong solutions is obtained with large velocities and small initial magnetic fields. Moreover, we prove the local-in-time well-posedness of  $H^2$ -strong solutions which improves previous regularity conditions on initial data.