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Suitable for advanced undergraduates and graduate students in engineering, this text introduces the concepts of plasma physics and magnetohydrodynamics from a physical viewpoint. The first section of the three-part treatment deals mainly with the properties of ionized gases in magnetic and electric fields, essentially following the microscopic viewpoint.

Engineering Magnetohydrodynamics by George W. Sutton ...

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In addition, he earned a Master of Science and Doctor of Philosophy in Aerospace Engineering from the Georgia Institute of Technology in May 2015 and August 2019, respectively. Hisham's current research interests are in space systems, magnetohydrodynamics, hypersonics, and plasma physics.

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