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## Charge Neutralization on Ion Rockets"

"Numerical Techniques in the Calculation of Effects of Insufficient Space Charge Neutralization on Ion Rockets"" Justification of the Use of the Collisionless Boltzmann Equation for Ion Beam Neutralization Studies"; "Circular Beam Neutralization"; "An Electrodynamics Approach to the Ion Jet Charge Neutralization Problem"; "Neutralization of Ion Beams for Propulsion by Electron Trap Formation"; "Transient and Steady State Behavior in Cesium Ion Beams"; "Neutralization of Ion Beams"; "On Ion Rocket Neutralization"; "Present Status of the Beam Neutralization Problem" "D. Techniques and Testing"" Introduction"; "Theory and Application of Hot-Wire Calorimeter for Measurement of Ion Beam Power"; "Beam Diagnostic Techniques"; "Diagnostics of the Space Charge Neutralization of Ion Beams by Electron Injection"; "Engineering Research in Electrostatic Propulsion Devices"; "Diffusion of Cesium and Ionization on Porous Tungsten"; "Trajectories and Thrust-Measurement Techniques for Space Testing of Ion Rocket Motors"; "Instrumentation Program for Ion Engine Testing"; "Concluding Remarks"

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