

Abstract Submitted
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Electron Parallel Closures JEONG-YOUNG JI, Utah State University, SANG-KYEUN KIM, Seoul National University, ERIC HELD, Utah State University, YONG-SU NA, Seoul National University — Electron parallel closures for ion charge number $Z = 1$ ¹ are extended for $Z > 1$. Adopting the same form as the $Z = 1$ kernels, parameters are computed for various Z . The parameters are smoothly varying in Z and hence can be used to interpolate parameters and closures for noninteger, effective ion charge numbers. Electron parallel closures for $Z = 1.8$ and 2.5 are presented as examples.

¹J.-Y. Ji and E. D. Held, Phys. Plasmas **21**, 122116 (2014).

Jeong-Young Ji
Utah State University

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