

In this paper, we present a critical review ~~of on essential data on the physics and chemistry of~~ low-pressure glow discharges of GeH₄ ~~that are used to deposit for the deposition of~~ hydrogenated amorphous germanium ~~films (a-Ge:H) films.~~ ~~Here, we analyze the s~~Surface processes and reaction probabilities of molecules, ions, and radicals ~~are analyzed.~~ Gas phase elementary processing ~~analysis is conducted performed~~ on electron molecule collisions ~~using~~ ~~—An updated table of thermochemical data is used to analyze the gas phase elementary processes consisting of for~~ ion–molecule ~~collisions~~ and neutral–neutral collisions. ~~Other electron and ion collisions, involving such as~~ electron–ion and ion–ion recombination, electron attachment ~~on to~~ radicals, and ~~detachment of anion detachments, have are~~ also been reported. ~~Study of e~~Cluster growth kinetics ~~in of~~ dusty plasmas ~~is conducted in are~~ ~~investigated orderto~~ further enhance the applicability ~~and relevance~~ of this study. Experimental data ~~or and~~ theoretical estimates ~~of electron collision cross sections, collision and reaction-rate constants, and transport coefficients~~ are ~~given.~~ ~~Further, these are~~ discussed ~~with regard to cross sections, collision and reaction rate constants, and transport coefficients.~~ The Pfirsch–Schlüter diffusion and Spitzer terms are excluded from ~~In~~ the perturbed distribution functions ~~used in~~ δf drift-kinetic Monte Carlo simulations ~~to calculate we~~ ~~excluded explicitly the Pfirsch–Schlüter diffusion~~ off-diagonal neoclassical transport coefficients ~~and Spitzer terms for in~~ quasi-symmetric toroidal plasmas, thus confirming ~~geometric factor the~~ constancy ~~of geometric factor~~ in the exact axisymmetric limit. Sugama and Horton investigated the ~~The formal~~ decomposition of the entropy-production rate ~~with~~ ~~based on a the~~ banana-plateau and ~~with the~~ Pfirsch–Schlüter fluxes, ~~derived by Sugama and~~ Horton ~~to~~ theoretically explains the importance of excluding these collisional contributions. ~~The numerically Numerically~~ realized constancy of the geometric factor obtained ~~with using~~ DKE1 in the exact symmetric limit would be ~~useful beneficial~~ for ~~conducting the~~ simulation studies ~~of on~~ quasi-symmetric-symmetric stellarators. ~~Moreover, The~~ development of

Comment [A1]: In American English, a comma (called serial or oxford comma) is inserted before “and” in a series.

Comment [A2]: The en dash is used in place of a hyphen in cases where the paired elements carry equal weight or represent a parallel relationship, e.g., Carbon–Magnesium bond or Bose–Einstein statistics.

Comment [A3]: Hyphens are less commonly used in American English to connect prefixes to the main word.

Comment [A4]: The compound modifier is hyphenated when it appears before a noun in order to prevent any ambiguity. In this case, “banana-plateau” is the modifier that modifies the noun “fluxes.”

Comment [A5]: To create an easy flow of ideas, transition words such as however, therefore, or moreover can be used. This usage enhances coherence of ideas in the paragraph and the manuscript on the whole.

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~~techniques for~~ steady-state operation, heating, fueling, ~~diverters, diversion,~~ plasma-wall interaction, ~~and~~ wall materials, advanced diagnostics for reactor-relevant plasma, blanket materials, and super conducting magnets ~~were are~~ discussed ~~as inevitable key are also~~ ~~discussed in this study.~~

Comment [A6]: Unnecessary shifts in tense can confuse a reader and may not suit the context of the article. To maintain consistent tense usage, "were" is revised to "are."

SAMPLE