

~~In this paper, we~~ This paper presents a critical review ~~of on~~ essential data on the physics and chemistry of ~~low-pressure~~ glow discharges of GeH<sub>4</sub> ~~that are used to deposit for~~ hydrogenated amorphous germanium ~~films~~ (a-Ge:H) film deposition, ~~and analyzes s~~ Here, we analyze the surface processes and reaction probabilities of molecules, ions, and radicals. ~~Gas phase elementary processing analysis is conducted on electron molecule collisions. An updated table of thermochemical~~ Thermochemical data ~~is used to analyze the gas phase elementary processes consisting of~~ obtained for ion–molecule ~~collisions~~ and neutral–neutral collisions are used for performing gas-phase elementary processing on electron–molecule collisions. Moreover, ~~Other 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 also been are~~ reported. ~~Study of e~~ Cluster growth kinetics ~~in of~~ dusty plasmas ~~is conducted in are investigated order to~~ further enhance ~~the this study's~~ 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.~~ ~~In the perturbed distribution functions in  $\delta f$  drift kinetic Monte Carlo simulations~~ By we ~~excluded explicitly the excluding the~~ Pfirsch–Schlüter diffusion ~~off diagonal neoclassical transport coefficients~~ and Spitzer terms ~~for quasi-symmetric toroidal plasmas~~ from the perturbed distribution functions used in  $\delta f$  drift-kinetic Monte Carlo simulations, off-diagonal neoclassical transport coefficients in quasisymmetric toroidal plasmas are calculated, thus confirming ~~geometric factor~~ the constancy of geometric factor within the exact axisymmetric limit. Sugama and Horton have theoretically explained the importance of excluding these collisional contributions by investigating the ~~The formal~~ decomposition of the entropy-production rate ~~with based on a the~~ banana–plateau and ~~with the~~ Pfirsch–Schlüter fluxes,

**Comment [A1]:** “Low-pressure” is a compound adjective that modifies the noun “glow discharges.” Therefore, it is hyphenated.

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

**Comment [A4]:** Adverbs are usually placed before verbs to avoid ambiguity.

~~derived by Sugama and Horton theoretically explains the importance of excluding these collisional contributions.~~ Simulation studies on quasisymmetric stellarators can utilize the

~~The numerically realized constancy of the geometric factor obtained with using DKEI in the exact symmetric limit ~~would be useful for simulation studies of quasi-symmetric stellarators.~~~~

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

**Comment [A5]:** In academic writing, information is presented with accuracy and conciseness. At this instance, "with" is replaced with "using."

**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