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Subtleties and systematics in obtaining a sub-percent determination of g_A

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The nucleon axial charge has evolved from being a critical benchmark quantity to one that can be used to provide a competitive constraint on BSM right handed currents. In order to achieve this goal, we must be able to determine g_A with sub-percent precision which presents us with several systematic uncertainties that must be addressed. The most glaring issue is the need to provide a non-perturbative determination of the radiative QED corrections to g_A , which may be as large as a few percent. Assuming these QED corrections can be isolated, we must confront non-monotonic finite volume corrections which are evident in current results. I will discuss these two challenges.

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