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Deeply virtual Compton scattering: sensitivities to the three Compton form factors

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In scalar QED the number of Compton form factors is known to be five. The case where the incoming photon is virtual, namely produced by electron scattering, while the final photon is real, the physical amplitudes depend on only three of them. We study the sensitivity of the differential cross section to the subleading Compton form factors.

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