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## Tensor Charges and their Impact on Physics Beyond the Standard Model

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The nucleon tensor charge,  $g_T$ , is an important quantity in the search for beyond the Standard Model tensor interactions in neutron and nuclear  $\beta$ -decays as well as the contribution of the quark electric dipole moment (EDM) to the neutron EDM. We present results from the QCDSF, UKQCD and the CSSM collaboration for the tensor charge,  $g_T$ , using lattice QCD methods and the Feynman-Hellmann Theorem. We use a flavour symmetry breaking method to systematically approach the physical quark mass. In this analysis the ensembles span four  $\beta$  values, enabling an extrapolation to the continuum limit.

**Primary author:** SMAIL, Rose (The University of Adelaide)

**Co-authors:** ZANOTTI, James (University of Adelaide); Prof. YOUNG, Ross (The University of Adelaide)

**Presenter:** SMAIL, Rose (The University of Adelaide)

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