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Progress in calculation of the fourth Mellin moment of the pion light-cone distribution amplitude using the HOPE method

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The light-cone distribution amplitude (LCDA) of the pion carries information about the parton momentum distribution and is an important theoretical input into various predictions of exclusive measurements at high energy, including the pion electromagnetic form factor. We present progress towards a lattice calculation of the fourth Mellin moment of the LCDA using the heavy quark operator product expansion (HOPE) method.

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