BOSONIC POTENTIALS FOR THE THREE-PARTICLE SYSTEMS $I_2(5)$, $I_2(8)$ AND $I_2(10)$

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Abstract

We calculate the bosonic potentials V_B for the three-particle models $I_2(5)$, $I_2(8)$ and $I_2(10)$ according to the method [A. Galajinsky, O. Lechtenfeld and K. Polovnikov, $N = 4$ mechanics, WDVV equations and roots, J. High Energy Phys. 113(3) (2009), 28].