

Integrals of open 2D lattices

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We present an explicit formula for integrals of the open 2D Toda lattice of type A_n . This formula is applicable for various reductions of this lattice. To illustrate the concept we find integrals of the Toda G_2 lattice. We also reveal a connection between the open Toda A_n and Shabat-Yamilov lattices.

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