

Turkish Journal of Physics

Turkish Journal

of

Physics

Gauge invariant reduction and integrability of $SL(2, \mathbb{R})/U(1)$ WZNW theory

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Abstract: The general solution of $SL(2, \mathbb{R})/U(1)$ WZNW theory is constructed by a gauge invariant reduction. This is done within both Lagrangian and Hamiltonian frameworks.

Turk. J. Phys., **24**, (2000), 311-318.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Phys., vol.24, iss.3.](#)