

8th International Conference on Symmetries and Integrability of Difference  
Equations (SIDE8) **June 22–28, 2008**  
8<sup>e</sup> Conférence internationale “Symétrie et intégrabilité des équations aux  
différences” (SIDE8) **22–28 juin, 2008**

On integrability of two-parametric  
Knizhnik–Zamolodchikov equations of  $B_n$  type  
and some other field-theoretic equations

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**Abstract**

The integrability conditions for the KZ equations of  $B_n$  in one-parametric case were obtained by A. Leibman. The integrability conditions for two-parametric case which is more suitable for the case of two-laced algebras of symmetry of the equations with tensor and spinorial forms of its coefficients are investigated. The problem of integrability for other field-theoretic equations such as Killing and Dirac is also discussed. (SECTION 3)