



**A COUNTER EXAMPLE OF THE SCATTERING
TRANSFORM OF THE BOX BALL SYSTEM**

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Received November 02, 2018

Abstract

We show a counter example of the scattering transform of the box ball system (T. Takagi, Inverse scattering method for a soliton cellular automaton, Nuclear Phys. B 707(3) (2005), 577-601).

Keywords and phrases: scattering transform, box ball system, KKR map.

**Pioneer Journal
of Mathematics
and Mathematical
Sciences**



**Pioneer Scientific
Publisher**