IOPscience iopscience.iop.org

Home Search Collections Journals About Contact us My IOPscience

Examples of Heun and Mathieu functions as solutions of wave equations in curved spaces

This article has been downloaded from IOPscience. Please scroll down to see the full text article.

2007 J. Phys. A: Math. Theor. 40 11203

(http://iopscience.iop.org/1751-8121/40/36/C01)

View the table of contents for this issue, or go to the journal homepage for more

Download details:
IP Address: 171.66.16.144
The article was downloaded on 03/06/2010 at 06:12

Please note that terms and conditions apply.

J. Phys. A: Math. Theor. **40** (2007) 11203 doi:10.1088/1751-8113/40/36/C01

Corrigendum

Examples of Heun and Mathieu functions as solutions of wave equations in curved spaces

T Birkandan and M Hortaçsu 2007 *J. Phys. A: Math. Theor.* **40** 1105–1116

The authors regret that some of the equations in their paper were printed incorrectly.

Equations (47)–(51), $2a^2k_t^2$ should be replaced by $\frac{a^2k_t^2}{2}$.

Equation (58) should be replaced by

$$\sqrt{\frac{A'}{C'}}u = z. \tag{58}$$

Equation (61) should read

$$R(w) = Se\left(-B, E, \arccos\sqrt{\frac{w+1}{2}}\right) + So\left(-B, E, \arccos\sqrt{\frac{w+1}{2}}\right). \tag{61}$$

1751-8113/07/3611203+01$30.00 © 2007 IOP Publishing Ltd Printed in the UK