

## Corrigendum: Killing vector fields in three dimensions: a method to solve massive gravity field equations

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

2012 Class. Quantum Grav. 29 059501

(<http://iopscience.iop.org/0264-9381/29/5/059501>)

View [the table of contents for this issue](#), or go to the [journal homepage](#) for more

Download details:

IP Address: 139.179.100.108

The article was downloaded on 09/02/2012 at 13:59

Please note that [terms and conditions apply](#).

## Corrigendum: Killing vector fields in three dimensions: a method to solve massive gravity field equations

2010 *Class. Quantum Grav.* **27** 205018

Metin Gürses

Received 26 July 2011

Published 9 February 2012

Online at [stacks.iop.org/CQG/29/059501](http://stacks.iop.org/CQG/29/059501)

The following is a list of changes in the above paper. All of them are minor, only changing some numerical coefficients in the expressions.

- (a) Equation (66): the sign of the first term,  $2wqm q^2 nn_{,r}$ , of the expression  $\rho$  should be negative ( $-2wqm q^2 nn_{,r}$ ).
- (b) The first equation in equation (78),  $C_{\mu\nu} = (w\rho - \sigma) \xi_\mu \xi_\nu$ , should read as  $C_{\mu\nu} = -(3w\rho + \sigma) \xi_\mu \xi_\nu$ . This causes the following changes.
  - (i) In equation (80), the expression  $(\mu + w)$  should read as  $(\mu - 3w)$ .
  - (ii) In equation (81), the expression  $q^{\frac{\mu+w}{2w}}$  should read as  $q^{\frac{\mu-3w}{2w}}$ .
  - (iii) Page 11, line 6: the expression  $\mu = -w$  should read as  $\mu = 3w$ .
  - (iv) The line before equation (82): the expression  $\mu + 3w = 0$  should read as  $\mu + w = 0$ .
  - (v) The line before equation (84): the expression  $\mu + 5w \neq 0$  should read as  $\mu + w \neq 0$ .
  - (vi) The line before equation (85): the expression  $\epsilon = \frac{\mu+5w}{2w}$  should read as  $\epsilon = \frac{\mu+w}{2w}$ .
  - (vii) In equation (105), the term  $\frac{w}{\mu}$  should read as  $-\frac{3w}{\mu}$ .
  - (viii) In equation (107), the term  $\frac{w}{\mu}$  should read as  $-\frac{3w}{\mu}$ .
  - (ix) In equation (108), the term  $\frac{w}{\mu}$  should read as  $-\frac{3w}{\mu}$ .
- (c) The line before equation (70): the statement ‘After performing some scale transformations  $z \rightarrow \sqrt{A} z, r \rightarrow \sqrt{A} r$ ’ should read as ‘After performing some scale transformations  $t \rightarrow \sqrt{A/\rho_0} t, z \rightarrow \sqrt{A/\rho_0} z, r \rightarrow \sqrt{A/\rho_0} r$ ’.