Erratum: Scalar gravitational waves in the effective theory of gravity

Emil Mottola

Nuclear and Particle Physics, Astrophysics and Cosmology, T-2,
Theoretical Division, Los Alamos National Laboratory,
Mail Stop B285, P.O. Box 1663, Los Alamos, NM 87545, U.S.A.

E-mail: emil@lanl.gov

- On the last line of page 8, the equation number referred to should be (2.9), not (2.14).

- On page 15, sixth line, the verb form should be the plural *have*, not has.

- On page 20, third line above the end of section 4 contains a misspelling of the word *invariant*.

- On page 23, eq. (5.17) contains a misprint in its second line. Eq. (5.17) should read in its entirety:

$$\Pi_{ij}{}^{lm}(\hat{\mathbf{r}}) = \frac{1}{2} \left(\delta_i{}^l \delta_j{}^m + \delta_i{}^m \delta_j{}^l + \hat{\mathbf{r}}_i \, \hat{\mathbf{r}}_j \, \hat{\mathbf{r}}^l \, \hat{\mathbf{r}}^m - \eta_{ij} \eta^{lm} + \eta_{ij} \, \hat{\mathbf{r}}^l \, \hat{\mathbf{r}}^m + \hat{\mathbf{r}}_i \, \hat{\mathbf{r}}_j \, \eta^{lm} \right.$$
$$\left. - \delta_i{}^l \, \hat{\mathbf{r}}_j \, \hat{\mathbf{r}}^m - \delta_j{}^l \, \hat{\mathbf{r}}_i \, \hat{\mathbf{r}}^m - \delta_i{}^m \, \hat{\mathbf{r}}_j \, \hat{\mathbf{r}}^l - \delta_j{}^m \, \hat{\mathbf{r}}_i \, \hat{\mathbf{r}}^l \right) \tag{5.17}$$