

Corrigenda

Linear approximation in a new theory of gravity

Mann R B and Moffat J W 1981 *J. Phys. A: Math. Gen.* **14** 2367-76

On page 2372, equation (3.20) should read:

$$\langle t_{\mu\nu} \rangle = \frac{k_\mu k_\nu}{16\pi^2} (e^{(\beta\gamma)} e_{(\beta\gamma)}^* - \frac{1}{2} |\eta^{\beta\gamma} e_{(\beta\gamma)}|^2 + e^{[\beta\gamma]} e_{[\beta\gamma]}^*)$$

and so equation (3.21) becomes

$$\langle t_{\mu\nu} \rangle = \frac{k_\mu k_\nu}{8\pi} (|e_{(11)}|^2 + |e_{(12)}|^2 - |e_{[12]}|^2).$$

The discussion and conclusions of § 4 are still valid; for $C_{[\mu\nu]} = 0$ the energy is positive definite and only quadrupole and higher-pole radiation exists. For $C_{[\mu\nu]} \neq 0$ the energy is only positive definite for the *real* version of the theory, since the last term of equation (3.21) changes sign.

Equation (5.1) should read

$$\mathcal{A} = \frac{16\pi}{q^2} (2(T^{(\mu\nu)} t_{(\mu\nu)} - \frac{1}{2} Tt + C^{[\mu\nu]} C_{[\mu\nu]}),$$

and equation (5.4) should read

$$\mathcal{A} = \frac{16\pi}{q^2} (Mm - 2\alpha^2 q^2 \mathbf{J} \cdot \mathbf{j}).$$

The sentence after equation (1.7) should read: 'These two equations show that $\Gamma_\mu \equiv \Gamma_{[\mu\lambda]}^\lambda = 0$ '. In the references, Moffatt should be replaced by Moffat.

Roughening transition, surface tension and equilibrium droplet shapes in a two-dimensional Ising system

Avron J E, van Beijeren H, Schulman L S and Zia R K P *J. Phys. A: Math. Gen.* **15** L81

In addition to the reference J E Avron *et al* (1980) on roughening transition in He crystals, see also the following:

Andreev A and Parshin A Ya 1978 *Zh. Exp. Teor. Fiz.* **75** 1511

Balibar B and Castaing B 1980 *J. Physique* **41** 329

Keshishev K O, Parshin A Ya and Babkin A V 1981 *Zh. Exp. Teor. Fiz.* **80** 716

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