Erratum

Nonlinear elliptic equations on compact riemannian manifolds and asymptotics of Emden equations

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S. Ilias pointed us out that in the statement of Theorem 6.1, the equality $(M, g) = (S^n, g_0)$ must be understood in the sense of conformally diffeomorphic, that is (M, g) is isometric to $(S^n, k g_0)$ for some k positive and C^∞ on S^n .

The same remark holds in the proof on p. 528, which is clear from

$$(6.25) \quad \int_M v^\gamma (|\text{Hess } v|^2 - \frac{1}{n} (\Delta_g v)^2) > 0.$$