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## Erratum to: Synthesis of Fused Heterocyclic Systems Derived from 2-Aryl-1,2,3,4-Tetrahydroquinolines

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During our further research on gravity models with non-linear symmetry realization we found out that in our paper entitled “Inflationary Solutions in the Simplest Gravity Model with Conformal Symmetry” there was a small mistake. Fortunately it does not influence the general result.

So, the stress-energy tensor for the considered model leads to equations:

$$\begin{aligned} -3\frac{\ddot{a}}{a} &= 5k(4f_1\dot{\psi}^2 + f_2\dot{\sigma}^2 + f_3\dot{\sigma}_{(\alpha)}\dot{\sigma}^{(\alpha)}), \\ 2\dot{a}^2 + a\ddot{a} &= 0 \end{aligned} \tag{1}$$

except written in the paper after Eq (3). Therefore, the analysis becomes simpler, and the absence of inflation directly follows from (1):

$$\ddot{a} = -2\frac{\dot{a}^2}{a} < 0.$$

Thus, our conclusion about the absence of inflation confirms.

The original article can be found online at  
<https://doi.org/10.1134/S1070428021050055>