

## REVIEW EXAMPLE No.1

Review of the article by (name of the author) [REDACTED]

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The article under review contains 9 text pages with line spacing 1.5 and type size 14. It contains a reference list of 10 sources, two of them are in English.

The article considers a practically relevant task of optimization of the management [REDACTED] that are being widely used in advertising in making banners, billboards and other materials for outdoor and in-home advertising.

Ordinary differential equations of the second order were used in the article for mathematical formulation of ink-jet printer head motion. Equation coefficients are identified through the solution of so-called inverse problems in combination with the use of regularization methods. To solve the differential equation systems under consideration, the authors apply modern numerical methods, developed to solve stiff differential equations. The obtained results [REDACTED] are presented in table and graphical forms for different degrees [REDACTED]. The paper conclusions are reasonable, follow from its content and the presented results.

At the same time, there are some principle remarks on the necessity to correct the text. 1) The review of possible modeling methods for ink-jet printer heads does not mention an article by I.I. Ivanov on a similar topic, published in journal “Modern Engineering Sciences Success”, No.2 - 2019, pp. 18-36. Meantime, the authors use similar approaches to the modeling and present similar results. 2) The authors consider only time-explicit schemes for solution of stiff differential equation systems. Meanwhile, implicit schemes (based on the Jacobian matrix) usually provide smoother solutions. That is why the decision not to use implicit schemes for various reasons should be grounded. 3) Besides, the implemented mathematical models do not consider the head backlash in the reverse and forward motion. Reasons for such lack of consideration should be grounded, for example, in the first section of the article.

To my mind, once the faults noted in the remarks are eliminated, the article under review may be published in journal “Caspian Journal: Management and High Technologies” in the section, corresponding to the Higher Attestation Commission major 05.13.18 “Mathematical Models, Numerical Methods & Program Systems”.

Cand. Sc. Physics and Mathematics [REDACTED]