



**P** Periodica Polytechn... 21 Mei  
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Suroto Munahar:

This regards the manuscript "Maneuverability and Stability of Movement of an Articulated Bus in BRT System," which is under consideration by Periodica Polytechnica Transportation Engineering.

Following the review of the previous version of the manuscript, the authors have now submitted a revised version of their paper. We would appreciate it if you could help evaluate it.

Please log into the journal web site by 2023-06-10 to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation. The web site is <https://pp.bme.hu/tr>

The review itself is due 2023-06-17.

If you do not have your username and password for the journal's web site, you can use this link to reset your password (which will then be emailed to you along with your username).  
<https://pp.bme.hu/tr/login/lostPassword>

Submission URL: <https://pp.bme.hu/tr/reviewer/submission?submissionId=21856>

Thank you for considering this request.

Tamás Péter  
<p>Budapest University of Technology and Economics, Budapest</p>  
[pp.tr@bme.hu](mailto:pp.tr@bme.hu)

"Maneuverability and Stability of Movement of an Articulated Bus in BRT System"

Abstract

While developing any bus, including a metrobus of extralarge capacity, there should be taken into consideration the mass and geometrical restrictions that are laid in the regulatory documents. Thus, according to Regulations N°36-03 "Common technical provisions concerning an official approval of the passenger vehicles of large capacity regarding to a general construction", an inner radius of turn should be 5,3 m, and the most exposed point from a centre of a bus turn should describe an arc of radius 12,5 m. These restrictions can be realised by an articulated bus (AB) of 18,5 m length. While increasing a general length of AB for more than 18,5 m, a steering by the wheels of trailer section is necessary. But the buses with a steerable rear axle are disposed to the transversal deviations of a trailer that should be taken into consideration while choosing and proving the arranging and mass parameters of AB.

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**[TR] Article Review**  
**Acknowledgement: 21856** ☆

Kotak Masuk

**P** Periodica Polytechn... Kemarin  
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Dear Suroto Munahar:

Thank you for completing the review of the submission, "Maneuverability and Stability of Movement of an Articulated Bus in BRT System," for Periodica Polytechnica Transportation Engineering. We appreciate your contribution to the quality of the work that we publish.

Sincerely Yours,

Budapest University of Technology and Economics

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