

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Original Manuscript_CJAST_117742
Title of the Manuscript:	An introduction to automotive engine combustion modeling
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The article is of a review nature and is of interest to researchers and engineers involved in the improvement of internal combustion engines based on computational studies using experimental data on indicating the working process and analyzing the content of harmful substances in exhaust gases.</p> <p>2. Yes</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes</p> <p>6. Yes</p> <p>The article has a fairly general and brief presentation of information. In particular, none of the combustion process models describe approaches for computational optimization of reducing emissions of harmful substances. It would be advisable to give a description of at least the physical models (without a detailed description of the mathematical models) underlying the calculation of the emission of nitrogen oxides and dispersed particles, which are mentioned in section 6, item 1.</p> <p>The text contains references to 18 literary sources, but there are no references to positions 13, 14, 15 and 16. However, only 13 positions are indicated in the list of references.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>		

[Review Form 1.7](#)

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Alexey R. Kulchitskiy
Department, University & Country	Vladimir State University, Russia