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Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_9905
Title of the Manuscript:	A Proposed Modified Constant Frequency Variable Duty PWM Based Speed Control Technique for DC Motor Drives: A New Method to Achieve More Precise Control over Speed
Type of the Article	Original Research Article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	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>
Compulsory REVISION comments	No	

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Minor REVISION comments	1. The results shown after Fig. 5 are suggested to be tabulated with much clear point, also Fig. 6. 2. The major contribution should be more hints express in the Introduction section. 3. The simulation results are suggested to compare with some other researchers work out for signifying the contribution. 4. The authors should explain why two types of electronic breaking characteristics of 9V are adopted? 5. The closed form of Eq. (4) can't be approached at all, thus the theoretical results from this equation will become divergence . explain please.	1. Results associated with the Fig. 5 have been tabulated in Table 1 in the revised version of the paper, since it will clearly view the degree of agreement between theoretical and experimental results. But according to the opinion of the authors, such tabular elaboration for Fig. 6 is not essential, since there is question of comparing theoretical and experimental results in this case. Also Fig. 6 is self explanatory and sufficient discussions are added regarding this figure in the "Experimental results and Discussion" section. Thus further table for Fig. 6 is avoided. 2. The major contributions by the authors in this paper have been more elaborated in the revised paper in the "Introduction" section. 3. This paper not only deals with simulation results but also equipped with appropriate experimental results. So far as authors' knowledge is concerned, no other exactly relevant experimental results are available in published literature which may be compared with the experimental results presented in this paper for signifying the contribution of the authors. 4. Two types of electronic breaking characteristics of 9V DC motor have been studied in this paper. This comparative study is carried out to ensure the superiority of the proposed method as compared to the conventional one as regards the abrupt electronic breaking. This fact have been added in the "Experimental results and Discussion" section of the revised paper. 5. For the ranges of V_s, d_c, T_c and n under consideration of the present study, the second term of equation (6) (of revised paper; earlier it was equation (4)) becomes almost zero and negligible as compared to the first term for $d_c > 0$. This is explained in subsection 2.2 entitled "The Proposed Technique" in the revised paper.
Optional/General comments	No	