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Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_49250
Title of the Manuscript:	Adaptive Variable Weight Accumulation AVWA-DGM(1,1) Model Based on Particle Swarm Optimization
Type of the Article	Method Article

General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer'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	Author's comment ()
Compulsory REVISION comments	The paper proposes an adaptive variable weight accumulation optimization DGM(1,1) model. The coefficients of the proposed model were optimized by a Particle Swarm Optimization Several numerical examples were shown. Authors claim that the proposed model has higher simulation and prediction accuracy than the classical one. The English is legible but could be improved.	
Minor REVISION comments	 At the beginning of some sentences a space must be inserted. e.g. line 43, 50 Equation (1) separate k values from the equation line 155, consider to remove the word "first" from the sentences line 163, consider to change "fly to" to "fly within" line 164 consider to change the sentence: "Each particle in the particle swarm is determined by a fitness function" to "Each particle in the swarm is evaluated by the objective function" line 168: consider to chance: "extremum2 to "best" line 168: consider to chance "group extremum" to "global best" line 175: I1, I2 but in (20) c1 and c2 were used table 9: do not use Chinese characters 	
Optional/General comments	PSO should be described in more detail. It is not possible for the reader to repeat the simulations since no details are given. For example: wi, wf, c1, c2, search space, objective function.	

PART 2:

	Reviewer's comment	Author's comment (if agreed v that part in the manuscript. It is feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Lifeng Wu
Department, University & Country	Hebei University of Engineering, Handan

with reviewer, correct the manuscript and highlight mandatory that authors should write his/her