



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_45577
Title of the Manuscript:	Integrating Security in Process Control Loop: A Case for Proportional-Integral-Derivative Algorithm
Type of the Article	Original Research Article

General guideline for Peer Review process:

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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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)
<u>Compulsory</u> REVISION comments	<ol style="list-style-type: none"> Simulation in MATLAB/Simulink of the proposed secured PID algorithm is needed. 	<p>As stated in the abstract, this work does not include the validation of the secured algorithm. The 6th and 7th sentences in the abstract read: "A secured PID mathematical model is proposed as a proactive mitigation technique to embedding security in a process control loop. Future work will concentrate on developing a prototype system that will be used to validate the secured algorithm presented in this work"</p> <p>So it is clear that simulink /matlab simulation or validation of the proposed secured PID algorithm is beyond the scope of this paper'</p>
<u>Minor</u> REVISION comments	<p>ANALYSIS OF CONTROL SYSTEM LOOP:</p> <ol style="list-style-type: none"> Variable of the five elements of feedback control used should be in italics. PID control gains should be in italics, so also other variables used in the manuscript 'Where' should be changed to 'where' in all cases 	Noted
<u>Optional/General</u> comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	None