



**SDI Review Form 1.6**

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|--------------------------|--|
| Journal Name:            | <a href="#">Asian Journal of Probability and Statistics</a>                                      |
| Manuscript Number:       | Ms_AJPAS_48921   |
| Title of the Manuscript: | <b>An Application Using Stochastic Approximation Method for Improvement Specific Loss System</b> |
| Type of the Article      | <b>Original Research Article</b>   |

**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**

|                                     | <b>Reviewer's comment</b>   | <b>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)</b> |
|-------------------------------------|---|--|
| <b>Compulsory</b> REVISION comments |   |  |
| <b>Minor</b> REVISION comments      | <p>In this paper, an application using the modified stochastic approximation procedure which studied to answer the question for Robbins-Monroe procedure. The modified procedure depends on a new form. We use the case of loss system obey Negative Binomial distribution. The efficiency of the proposed procedure is calculated to determine the ways to improve the mentioned loss system, the results which are obtained show that our procedure can serve as a model of stochastic approximation with delayed observations. This new topic can be applied in many fields such as the biological, medical, life time experiments, and some industrial projects, to increase the production, where items are realized after random time delays.</p> <p>The results obtained in the paper are publishable, subject to some necessary changes. The techniques used to solve the problem are standard with some novelty, and the results obtained are correct. However, there are some points need to be further clarified before its final acceptance for publication:</p> <ol style="list-style-type: none"> <li>1. The motivation on the study should be further emphasized, particularly; the main advantages of the results in the paper comparing with others should be clearly demonstrated.</li> <li>2. English should be further improved, since the paper has some spelling and grammar errors. Also the paper has some editing problems.</li> </ol> |  |
| <b>Optional/General</b> comments    |   |  |

**PART 2:**

|   | <b>Reviewer's comment</b>  | <b>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)</b> |
|---|--|--|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |



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**Reviewer Details:**

|                                  |  |
|----------------------------------|--|
| Name:                            | <b><i>Griengrai Rajchakit</i></b>        |
| Department, University & Country | <b><i>Maejo University, Thailand</i></b> |