

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_88127
Title of the Manuscript:	Variational Bayesian Method: Ritz Method in Stochastic system
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:

(<https://www.journaljamcs.com/index.php/JAMCS/editorial-policy>)

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		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	In this paper the author has given a detailed explanation of the classical variational principle and the variational Bayesian method, and the basic application examples of the variational Bayesian method. C language code is also included to deepen the reader's understanding. Numerical calculations would be very useful, when the stochastic system is nonlinear. The simplest approximation (Estimation of the mean value of the posterior distribution), The most accurate approximation, A second simplest approximation are used to in the work. Work seems to be recognisable.	Noted

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	