



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_25791
Title of the Manuscript:	Action of a Polynomial Matrix on a Vector of Power Series
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:

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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)
Compulsory REVISION comments		
Minor REVISION comments	The Article is an extension of [1]. The author approach is straightforward for verifying and generalizing the result of [1]. However, the author generalized the work of [1] by showing that the adjoint of the linear mapping defined on row vectors of polynomials which is defined by the right multiplication by a fixed polynomial matrix actually defines an operation on column vectors of powers series. In fact, in this article, the author is explained, simplified and proved the results very well. The article is easy to follow. On the other hand, I do not see any noble approach in the article, but the work is still very good and well established ground for future improvement in this direction. The amount of effort spent on this work is significant. So for this reasons, I recommend the article for publication. Here are few minor corrections and spellings that are that are highlighted in the article. Section 1, page 100. line 1: "he" should be the line 4; add comma after matrix section 2.1, page 100. Line 3; move W_{α} to the same line Page 101, the first line after (2.2), "he" should be The. Page 101, the second line after (2.2), "of" should be	- the "t" in the word "the" is missing - true, a comma is missing - these group is misplaced - the "t" in the word "the" is missing



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	on. Page 101, line 6 after (2.2), Writing $X=X_1, \dots, X_r$ Should be a comma before X_r Page 102, line 3: E to F instead of E et F Section 2.2, page 102. Line 1 of section 2.2, delete then Section 3.1, page 103, towards the end of the proof of Lemma 3.1, $j=1, \dots, h$ comma needed before h.	- true "of" is not correct, I deleted the phrase because I have explained it otherwise - it is the sequence $X_1, \dots, X_r$ (I deleted it because it is already explained before) -I've written the French word "et" - "then" is unnecessary - that's correct
<u>Optional/General</u> comments		Page and equations numberings may have changed after the revisions