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Journal Name:	**British Journal of Mathematics & Computer Science**
Manuscript Number:	**2014_BJMCS_11488**
Title of the Manuscript:	(S, S')**-gap Shifts as a generalization of Run-length-limited codes**
Type of the Article1	**Original ResearchArticle**

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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.
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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	Report on: 2014_BJMCS_11488 Titled "$(S,S^{'})$ -gap Shifts as a generalization of Run-length-limited codes" Run-length-limited (RLL) codes are extensively used in Digital optical discs, which is always an important topic among scholars. Based on a generalization $X(S,S^{'})$ of Run-length-limited codes, this paper investigates $(S,S^{'})$ -gap shifts' dynamical properties and obtains a formula for the entropy and zeta function and Bowen-Franks groups. The result is meaningful and interesting. I think, the manuscript is appropriate to appear on BJMCS after a revision and a careful checking of typos, see the following comments: (1)P.1, L.6, "is" should be "are"; (2) P.1, L.-4, "⋯compute entropy and the zeta function for Z" should be "⋯compute the entropy and zeta function for Z"; (3)P.2, L.2, "that" should be "which"; (4)P.2, L.8, there is omitting an "is"; (5)P.2, L.22, "(1.1)" should be "(2.1)"; (6)P.3, L.7, "start" should be "starts"; "end" should be "ends"; (7) P.3, L.19, there is unnecessary "it";	Ok

	(8) P.3, L.24, “Figure 3.1” should be “Figure 1”,please check the whole paper; (9) P.3, L.-8, “Constructing” should be “Construct”; (10) P.3, L.-4, “with” should be “and”; (11) P.3, L.-2, “was” should be “is”, please check throughout the whole paper.; (12) P.3, L.-1, “shows” should be “show”; (13) P.4, L.-6, “when” should be “where”; (14) P.6, L.5, there is unnecessary “as”; (15) P.6, L.5, “correspond” should be “corresponding”; (16) P.6, L.-14. “implies” should be “imply”; (17) P.7, L.-10. “an” should be “a”; (18) P.7, L.-5, there is unnecessary “that”; (19) P.8, L.7, “subsection” should be “section”; (20) P.8, L.-5, “shoes” should be “shows”; (21) P.9, L.16, “ingredients” should be “ingredient”; (22) P.12, L.-20, P.13, L.5, “a” should be “an”, please check the whole paper; (23) P.14, L.6, although and but can not be used together;	

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Minor REVISION comments	(1) The author mark references irregularities, I think he/she can sequentially label them as [1],[2],[3]⋯ Therefore, P.1, L.12, "⋯denoted by X(d,k) [Marcus and et al (1992); Perry and et al (1998)]" can be "⋯denoted by X(d,k)[13,17]" and so on. (2)Some comma symbols should be deleted or added, for example: P.2, L.20; P.3, L.6; P.3, L.15; P.3, L.18⋯ (3) P.1, L.6, I don't quite know what "SFT" stands for? (4) P.6, L.-17. "Therefore to have⋯" should be "In order to have⋯"	
Optional/General comments	(1) P.2, L.2. Actually, I think "In this section, we ⋯ can be found there." should be "In this section, we will bring from [12] some basic definitions of symbolic dynamics on A". (2) P.2, L.-6. " $x_- = (x_i)_{i<0}$ " should be " $x_- = (x_i)_{i\in Z^-}$ "; (3) P.3, L.10. Actually, I think "In the sequel we ⋯ X(S) and $X(S^{'})$." should be "In the sequel we will construct the Fischer cover of Z from the Fischer covers of X(S) and $X(S^{'})$, which we will need in this note".	