



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_13115
Title of the Manuscript:	Sum Rate Maximization Based on Joint Power Control and Beamforming in MIMO One Way AF Relay Networks
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)
<u>Compulsory</u> REVISION comments	- Fig. 1 is not very clear since it is a blurry figure. It should be redrawn. (Line 128-130). - I think that there is a typing error on Line 351. Fig. 7. Should be written instead of Fig. 8. (Line 351) - This paper should be carefully examined for typing errors by author.	- You are right. It is redrawn in the revised version of paper. - You are right, it is changed to Fig.7 - Whole of paper is reviewed and some words like co channel and pre coder are corrected. Also some sentences are changed.
<u>Minor</u> REVISION comments	Part 3 should be entirely revised. The applied simulation studies and the proposed methods in this paper should be compared with previous studies related to this subject in the literature. In addition, the innovations and contributions of this study should be emphasized in more detail in this part.	Our algorithm was compared with TL algorithm (Ref. 11) and simulation results in Fig. 2 shows that our algorithm outperforms TL. Also, our algorithm is faster than TL as mentioned in paper. In addition, Some modifications are done highlighted yellow-marked.
<u>Optional/General</u> comments	Two new algorithms have been proposed to maximize total signal to total leakage ratio (TSTLR). Simulation results show that low-complex algorithm maximizes sum rate while the total consumed power in all relay nodes is not greater the certain predefined threshold. Also, when the number of relays increases the achievable sum rate increases.	It is Done. Also conclusion is changed (some definitions added at first)