

Report for the article entailed 'On Geodesic Paracontact CR-Lightlike Submanifolds' (BJMCS 24430).

The theory of almost paracontact structures on Riemannian manifolds was introduced by S. Kaneyuki and M. Konzai. [S. Kaneyuki and M. Konzai, Paracomplex structure and affine symmetric spaces. Tokyo J. Math., 8, 301-308, 1985]. Later many authors contributed to the study of almost paracontact metric manifolds and their submanifolds in various spaces. One of the important examples of paracontact manifolds is para-Sasakian manifolds.

In the present paper under review, the author(s) investigate(s) geodesic paracontact CR-lightlike submanifolds of para-Sasakian manifolds. From my opinion of view, the paper contains nice results and it is well-written in general. The title and the abstract are consistent with the material presented. **I recommend to accept the paper for publication in British Journal of Mathematics and Computer Science.** For authors convenience, I would like to point out some minor comments and corrections:

1. On line 4-5 in page 101: 'there are some basic definitions for lightlike submanifolds and almost paracontact metric manifolds' should be written 'we recall some basic facts about submanifolds and almost paracontact metric manifolds'.
2. On line 13 in page 101: 'In this case' should be written 'The submanifold'.
3. On line 33 in page 101: 'where $\{E_1, \dots, E_n\}$ is a lightlike bases of $\Gamma(\text{Rad}(TM))$ ' should be written ' $\Gamma(\text{Rad}(TM)) = \text{Span}\{E_1, \dots, E_n\}$ '.
4. On line 23 in page 104: comma should be removed before 'for any'.
5. Since the author(s) investigate mainly special lightlike submanifolds of para-Sasakian manifolds namely $\tilde{D}$ -geodesic, $\check{D}$ -geodesic and mixed geodesic lightlike submanifolds, I think after the third paragraph in the section introduction, it should be mentioned some articles which investigate these submanifold in lightlike submanifolds. I recommend to author(s) for citing the following such papers:
 - a. M. Ateken, and E. Kılı, Semi-invariant lightlike submanifolds of a semi-Riemannian product manifold, Kodai Math. J. Vol.30, No.3, 361-378, (2007).
 - b. A. Bhattacharyya and B. Das, Contact CR-submanifolds of an indefinite Trans-Sasakian manifold, Int. J. Contemp. Math. Sciences, Vol. 6, 2011, no. 26, 1271-1282.

c. J. Dong and X. Liu, Geodesic lightlike submanifolds of indefinite Sasakian manifolds, *Advances in Pure Mathematics*, vol. 1, pp. 378-383, 2011.

d. E. Kılıç, M. Gülbahar, On the sectional curvature of lightlike submanifolds, *J.Ineq. Appl.*, (2016), Doi: 10.1186/s13660-016-1004-5.

e. R. Kumar, S. Kumar, and R. K. Nagaich, GCR-lightlike product of indefinite Kaehler manifolds, *ISRN Geometry*, vol. 2011, Article ID 531281, 13 pages, 2011.