

Review of: "The edge rings of compact graphs"

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In the paper under review, the authors classify compact graphs and examine the characteristics of their edge rings. They classified the compact graphs up to the (essentially) same edge rings. The universal Grobner bases for the toric ideals of compact graphs has been computed. Furthermore, they present a simple formula for the total Betti numbers of such ideals.

Finally, they provide the top graded Betti numbers for $K[G]$ by computing the minimal generators of its canonical module.

The paper contains interesting results to the readers. Moreover the paper is well-written and the results are mathematically true. In my opinion, the paper can be accepted for publication modulo some minor revisions that I have annotated to the attached pdf file.