Response to Reviewer Comments

Dear Reviewer,

Thanks very much for taking your time to review this manuscript . I really appreciate all your comments and suggestions ! In this revised version,changes to our manuscript were all highlighted within the document by using red-colored text.Point-by-point responses to the nice reviewers are listed below this letter.

Point 1: Literature should be checked if there are no newer items. Especially from the last 18 months.

Response 1: Thank you for your valuable feedback. We have thoroughly reviewed the literature and have ensured that the references cited in our paper are up-to-date, including publications from the last 18 months. We have made the necessary revisions to include any relevant and recent research in the field. Your suggestion has been taken into consideration, and we appreciate your attention to the currency of our references.

Point 2: All indexes in symbols in text and equations should be checked carefully.

Response 2: We have thoroughly reviewed all the symbols used in the text and equations and have made the necessary corrections to ensure accuracy. We apologize for any oversight and appreciate your kind reminder. Your attention to detail is greatly appreciated, and we have taken your comments seriously to improve the quality of our manuscript.

Point 3: In the Conclusions section, please write something more about the real possibility of implementing the proposed methods of AC circuit breaker remaining electrical life prediction.

Response 3: Thank you for your valuable feedback. We have addressed this suggestion by adding more content to the Conclusions section, highlighting the real possibility of implementing the proposed methods for AC circuit breaker remaining electrical life prediction. We appreciate your guidance and have made the necessary improvements to the paper.

If there are any other modificationa we could make, we should like very much to modify them and we really appreciate your help.

Your sincerely,

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