

Notes on XXX

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Here is our abstract. Some well known problem. Currently limitation of the field. Here we solve the problem. This leads to result of ABC.

I. INTRODUCTION

A. Future work

As is by now well known, black hole entropy is a Noether charge [1, 2].

Our method can be adapted for generalizations.

II. RESULTS

We used matched asymptotic expansions [3].

III. DISCUSSION AND CONCLUSIONS

ACKNOWLEDGMENTS

In this article, we solved the previously open problem of XYZ.

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[2] E. Noether, *Invariant Variation Problems*, *Gott. Nachr.* **1918** (1918) 235 [[physics/0503066](#)].

- [3] C. Bender and S. Orszag, *Advanced Mathematical Methods for Scientists and Engineers: Asymptotic Methods and Perturbation Theory*, Advanced Mathematical Methods for Scientists and Engineers, Springer (1999).

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