## Is the edge states energy spectrum of a 2D topological insulator linear?

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The linearity of the edge states spectrum in a 2D topological insulator, important for various transport phenomena, is studied. Different edge state models are examined. It is found that, in some of them, the linearity is perfect, while, in others, the linearity is approximate.

## Acknowledgements

This research was supported by RSF grant No 17-02-01039.

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