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An Epoch of Reionization simulation pipeline based on BEARS

Fabian Krause, Rajat M. Thomas, Saleem Zaroubi, Filipe B. Abdalla

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Highlights

- We introduce a new Epoch of Reionization simulation pipeline based on the BEARS code.
- The underlying 1D radiative transfer code has been improved and ex- tended.
- The BEARS code features a new algorithm to account for overlap of ion- ized bubbles.
- A number of simple Epoch of Reionization scenarios are explored.

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