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Title:	Survival of Population III stars
Authors:	Dutta, J. (/jspui/browse?type=author&value=Dutta%2C+J.) Bagla, J.S. (/jspui/browse?type=author&value=Bagla%2C+J.S.)
Keywords:	stars: Pop III Instabilities Hydrodynamics Accretion
Issue Date:	2020
Publisher:	Cambridge University Press
Citation:	Proceedings of the International Astronomical Union, 14, pp. 266 - 267.
Abstract:	In our earlier study Dutta (2016a), it has been shown that a number of primordial protostars (the 'first stars' in the Universe, also known as Population III or Pop III stars) are being ejected from the cluster of their origin with the velocity exceeding their escape velocity. Hence there is possibility that some of these protostars can enter main sequence and survive till present epoch, even in Milky Way. We ask the question if the protostars can avoid core collapse, and stop accreting before being ejected from the cluster, with the final mass of stars as 0.8 M_{\odot} .
Description:	Only IISERM authors are available in the record.
URI:	https://www.cambridge.org/core/journals/proceedings-of-the-international-astronomical-union/article/abs/survival-of-population-iii-stars/79E107B760144AD2E2AA1C95611D358A#article (https://www.cambridge.org/core/journals/proceedings-of-the-international-astronomical-union/article/abs/survival-of-population-iii-stars/79E107B760144AD2E2AA1C95611D358A#article) http://hdl.handle.net/123456789/3472 (http://hdl.handle.net/123456789/3472)
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