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Title:	A 1 – connected components of ruled surfaces
Authors:	Balwe, Chetan (/jspui/browse?type=author&value=Balwe%2C+Chetan) Sawant, Anand (/jspui/browse?type=author&value=Sawant%2C+Anand)
Keywords:	ruled surfaces ghost homotopies
Issue Date:	2022
Publisher:	Mathematical Sciences Publishers
Citation:	Geometry & Topology, 26(1), 321-376.
Abstract:	A conjecture of Morel asserts that the sheaf of A_1 -connected components of a space is A_1 -invariant. Using purely algebrogeometric methods, we determine the sheaf of A_1 -connected components of a smooth projective surface, which is birationally ruled over a curve of genus >0 . As a consequence, we show that Morel's conjecture holds for all smooth projective surfaces over an algebraically closed field of characteristic 0.
Description:	Only IISER Mohali authors are available in the record.
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