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| Title: | Connections on Parahoric Torsors over Curves |
| Authors: | Pandey, Yashonidhi (/jspui/browse?type=author&value=Pandey%2C+Yashonidhi) |
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| Abstract: | We define parahoric g -torsors for a certain class of Bruhat-Tits group schemes g on a smooth complex projective curve X when the weights are real, and also define connections on them. We prove that a g -torsor is given by a homomorphism from $\pi_1(X \setminus D)$ to a maximal compact subgroup of G , where the finite subset $D \subset X$ is the parabolic divisor, if and only if the G -torsor is polystable. |
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