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(vjha267@googlemail.com). *Large autotopism groups on translation planes*. Preliminary report.

Let π be a translation plane of order n . We study conditions for a linear collineation group of π of order $n - 1$ that acts faithfully on ℓ_∞ to be an autotopism group of π .

The conditions obtained depend on the parity of n and the existence of non-trivial kernel homologies, among other conditions. (Received September 20, 2011)