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ERRATUM TO "COMPARING RIEMANNIAN FOLIATIONS WITH TRANSVERSALLY SYMMETRIC FOLIATIONS"

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As has been pointed out by Hebda [1], the main theorem of our paper [2] is not correct as stated. In the theorem on p. 461 the assumption "$\pi_1(K)$ finite, i.e., K semisimple" should be added. The averaging process for the developing map $\Phi: \tilde{P} \to \tilde{G}$ referred to in the second paragraph on p. 462 works under this assumption. All the arguments are valid for the foliation $\mathscr{F}$ lifted to the (K-reduction of the) normal frame bundle P of $\mathscr{F}$, for which we produce a Cartan connection with vanishing curvature. This implies that this lifted foliation is a Lie foliation. For this we refer to [3].

References

[1] J. Hebda, *An example relevant to curvature pinching theorems for Riemannian foliations* (to appear).

[2] F. Kamber, E. Ruh & P. Tondeur, *Comparing Riemannian foliations with transversally symmetric foliations*, J. Differential Geometry **27** (1988) 461–475.

[3] E. Ruh & P. Tondeur, *Almost Lie foliations and the heat equation method*, Proc. VI Internat. Colloq. on Differential Geometry, Santiago de Compostela (Spain) 1988, Cursos y Congresos 61, Univ. Santiago de Compostela, 1989, 239–246.

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