

Item: 1 of 1 | [Return to headlines](#)[MSN-Support](#) | [Help Index](#)Select alternative format: [BibTeX](#) | [ASCII](#)**MR970562 (89k:58155)****[Hurder, Steven \(1-ILCC\)](#)****Ergodic theory of foliations and a theorem of Sacksteder.***Dynamical systems (College Park, MD, 1986–87), 291–328, Lecture Notes in Math., 1342, Springer, Berlin, 1988.*[58F11 \(57R30 58F18\)](#)[Journal](#)[Article](#)[Doc Delivery](#)**References: 0**[Reference Citations: 3](#)[Review Citations: 1](#)

The concept of topological entropy of a foliation is studied in this paper. This concept is close to the previous one introduced by Ghys-Langevin-Walczak. Metric entropies are defined for foliations and the variational principle of Walters and Ledrappier is obtained. Lyapunov exponents and a generalization of a theorem of Sacksteder are also considered.

Several open problems are proposed in Section 8.

{For the entire collection see [89g:58061](#)}

Reviewed by [Artur Oscar Lopes](#)

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