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**Ghys, Étienne** (F-ENSLY)

**Sur les groupes engendrés par des difféomorphismes proches de l'identité.** (French. English summary) [On groups generated by diffeomorphisms close to the identity]

*Bol. Soc. Brasil. Mat. (N.S.)* **24** (1993), *no. 2*, 137–178.

The author studies groups generated by a real analytic diffeomorphism of a compact manifold which is close to the identity. Such a group gives a dynamics which is recurrent unless the group satisfies a very particular property, similar to solvability. The cases of diffeomorphisms of the circle and the disc receive special attention.

Reviewed by *Henk Broer*

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