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Amine Fawaz* (fawaz_a@utpb.edu), 4901 E. University, Odessa, TX 79762. *Transversely holomorphic flows on 3-manifolds and singular projectable vector fields*. Preliminary report.

We consider a 3-manifold M equipped with a transversely holomorphic flow \mathcal{L} ; we study the geodesibility, and the dynamical behavior of projectable vector fields near their singular sets. (Received September 26, 2005)