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Ashford University, 400 N. Bluff Blvd, Clinton, IA 52732. *Flows of weights and automorphism
groups of real a.f.d. factors of type III_λ , $0 < \lambda < 1$.* Preliminary report.

It is well-known that for each σ -finite factor m of type III_λ , $0 < \lambda < 1$ there exist two non-isomorphic real sub-factors of m of type III_λ , generating m . we calculate the flows of weights of those real factors. using the flows of weights, we study the groups of automorphisms of real approximately finite dimensional (a.f.d.) factors of type III_λ comparing with (complex) a.f.d. factors of type III_λ . (Received September 18, 2007)