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Hyungryul Baik* (hb278@cornell.edu), 111 Malott Hall, Department of Mathematics, Cornell University, Ithaca, NY 14850. *Fuchsian Groups, Circularly Ordered Groups, and Dense Invariant Laminations on the Circle.*

We propose a program to study groups acting faithfully on S^1 in terms of number of pairwise transverse dense invariant laminations. We give some examples of groups which admit a small number of invariant laminations as an introduction to such groups. Main focus of the present paper is to characterize Fuchsian groups in this scheme. We prove a group acting on S^1 is conjugate to a Fuchsian group if and only if it admits three very-full laminations with a variation of the transversality condition. (Received September 11, 2013)