1019-51-76   **Henry Wilton***, Department of Mathematics, 1 University Station C1200, Austin, TX 78712-0257. *Some residual properties of groups.*

A group is subgroup separable (or LERF) if every finitely generated subgroup is closed in the profinite topology. This algebraic concept has a nice topological interpretation, exemplified by Stallings' proof of Hall's theorem that free groups are subgroup separable. A finitely generated group is a limit group if it is fully residually free. I will explain the ingredients of the proof that limit groups are subgroup separable. (Received August 06, 2006)