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Subgroup separability of certain HNN extensions. (English)

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The author studies the subgroup separability of Baumslag-Solitar groups. The main result is that if $G_{k,\ell}$ is the group $\langle t, a; t^{-1}a^k t = a^\ell \rangle$ then $G_{k,\ell}$ is subgroup separable if and only if $|k| = |\ell|$. The results of this paper are particular cases of a Theorem announced by *E. Raptis* and *D. Varsos* [in Abstracts Am. Math. Soc. 12, No. 5, 507 (1991)].

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