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Tullia Dymarz and **Xiangdong Xie***, xiex@bgsu.edu. *Quasiisometric rigidity of some solvable Lie groups.*

We prove the quasiisometric rigidity for some simply connected solvable Lie groups S : if a simply connected solvable Lie group S' is quasiisometric to S , then S and S' are isomorphic. Examples of such solvable Lie groups include $S = F^n \rtimes \mathbb{R}$ with $n \geq 3$, where F^n is the n -th model filiform group and \mathbb{R} acts on F^n by the standard Carnot dilations.

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