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**Michael H. Schraudner\*** (mschraudner@dim.uchile.cl), Centro de Modelamiento Matemático, Universidad de Chile, Beaucheff 851, Torre Norte, Of. 709, Santiago, 8370459. *On automorphism groups of "small" subshifts*. Preliminary report.

We study the structure of the automorphism group of certain classes of "small" (i.e. countable, minimal or finite-Cantor-Bendixson-rank) subshifts over finitely presented groups together with the changes these automorphism groups undergo when "extending" the subshifts by introducing new symbols, taking unions, forming products, Cantor-Bendixson derivatives etc. For several interesting examples we can completely describe their automorphism group. The obtained results show drastic differences to the well known results on the structure of the automorphism groups of (mixing)  $\mathbb{Z}$ -shifts of finite type obtained by Boyle, Lind, Rudolph (1988) and Kim, Roush (1990s).

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