1151-20-192   **Amanda Taylor*** (`tayloral@alfred.edu`). *Locally solvable subgroups of PLo(I) are countable.*
A group is locally solvable if every finitely generated subgroup is solvable. PLo(I) is an uncountable group of piecewise linear homeomorphisms. We discuss a proof that each locally solvable subgroup of PLo(I) is countable. The techniques discussed are highly accessible geometry, group theory, and logic.

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