

## Path components of lifting spaces

Petar Pavešić  
University of Ljubljana  
`petar.pavesic@fmf.uni-lj.si`

We will explain how the set of components of lifting space  $\tilde{X}$  over a given space  $X$  can be computed in terms of algebraic properties of the fundamental groups of  $X$  and  $\tilde{X}$ . This will in turn allow completely geometric proofs of certain algebraic properties of fundamental groups of wild spaces.