Abstract: A drag-and-drop proof tactic

Pablo Donato & Pierre-Yves Strub & Benjamin Werner
LIX, Ecole Polytechnique, France

ThEdu'21, 11 July 2021

Abstract   Resuming the effort initiated by the proof-by-pointing project, in which formal proofs are constructed through mouse actions, we present a first version of a drag-and-drop proof tactic. We argue that such a tactic provides quick and intuitive proof construction steps and could be a step towards more accessible proof-systems, for instance in education. The precise description of the tactic and its implementation involve theoretical tools coming from focused proofs and deep inference.