

Report

Piotr Wojciechowski
LDCSEE,
West Virginia University,
Morgantown, WV
{pwojciec@mix.wvu.edu}

October 4, 2012

1 Inverse Reduction from $\exists\forall\exists$ 3SAT

Attempted an inverse reduction from $\exists\forall\exists$ 3SAT to $\forall\exists\forall\exists$ LP. The reduction attempt was based on the inverse reduction from 3SAT to FQLPs. Like previous attempts I could not find a way to effectively restrict existential variables in the QLP to the interval $\{0, 1\}$.

This reduction attempt consisted of