

1116-20-1355      **Justin Lynd\*** ([justin.lynd@mso.umt.edu](mailto:justin.lynd@mso.umt.edu)). *Standard form problems for 2-fusion systems.*

A program of M. Aschbacher's for the classification of 2-fusion systems of component type is well underway. This program seeks to give a new proof of roughly half of the classification of finite simple groups by completing the bulk of the work in the category of 2-fusion systems. The last stage in this program involves solving the remaining so-called "standard form problems". I will explain what a standard form problem is, give a high-level description of how this last stage fits into the program, and survey the progress to date. (Received September 18, 2015)