

# AMPL - A Modeling Language for Mathematical Programming

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AMPL is a language for large-scale optimization and mathematical programming problems arising in many applications. Based on familiar algebraic notation, AMPL makes it easy to create models, use a wide variety of solvers, and examine solutions. We will present its features and include some exercises. In order to use test problems as tools suitable for testing optimization methods in the UFO system, we will focus our attention to translate test problems into well-defined Fortran 77 files.