This second and main part of the book illuminates selected algebraic modeling systems. It covers CPLEX Studio (formerly, OPL Studio), GAMS, Mosel, and ZIMPL in great detail. Those chapters reflect the personal views and focus of the authors. It is left to the reader to compare the languages and see which one serves his personal needs best. The GAMS contribution focuses on the purposes of modeling languages with respect to different groups of models or customers, respectively, and describes a few special features of this modeling language. More on language elements related to constraint programming is found in the CPLEX Studio and Mosel chapters. A useful property in the modeling language Mosel is its concept of modularity, which makes it possible to extend this language according to one’s needs and to provide new functionality, in particular to deal with other types of problems and solvers.