
Modeling Techniques

This first part is about modeling with Petri nets. In Chapter 1, we start with an example that employs the basic notations and shows how to use them appropriately. Chapter 2 then generalizes these notations. The common special case of *elementary system nets* is covered in a separate chapter. Finally, Chap. 4 juxtaposes the concepts of *sequential* and *distributed runs*. Chapter 5 then uses distributed runs to describe *scenarios*. Chapter 6 introduces additional notations and shows which are merely useful abbreviations and which actually increase the expressive power of elementary system nets. Part I concludes with the solving of the *synthesis problem* and the *composition* of nets.