This first preliminary chapter will touch on the combinatorial structures with which we will be dealing. The first section will discuss the fundamental incidence structure underlying our constructions, namely, the balanced incomplete block designs. The second section moves on to consider in brief error-correcting codes. The final section will touch on a topic closely related to that of the second, namely, orthogonal arrays.

0.1 Balanced Incomplete Block Designs

BIBDs

Bibliography

0.2   Error-Correcting Codes

Codes

Bibliography

0.3   Orthogonal Arrays

Orthogonal Arrays

Bibliography

Bibliography