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SOME APPLICATIONS OF HADAMARD RHOTRICES TO DESIGN BALANCED INCOMPLETE BLOCK

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Abstract

Hadamard matrices have important applications in image analysis, signal processing, coding theory, cryptology and combinatorial designs. Design of experiments has broad applications across all sciences and engineering. Balanced incomplete block design has its wide use in designing of experiments in statistics and in coding theory. We develop Balanced Incomplete Block (BIB) design using Hadamard rhotrices.

Key Words : *Hadamard rhotrix, Incidence matrix, Balanced incomplete block design.*

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