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	امتدادات تركيبية لتصاميم معينة من النمط t

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Abstract : By investigating the parametric relations and block intersections of symmetric and Hadamard designs we obtained several new results relating parameters and blocks of these designs. Moreover we were able to introduce the new concept of ideal blocks which we used to construct new families of t-designs, t =1,2,3, Further and by using the block intersection properties of Hadamard 2-designs respectively 3-designs, several families of Hadamard derived 2-designs respectively 3-designs can be constructed. As Hadamard 3-designs are extensions of Hadamard 2-designs, this inspired us to establish the extension relations connecting their derived 2-designs respectively 3-designs

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