

ON SOME EQUALITIES AND INEQUALITIES OF FUSION FRAME IN HILBERT C^* -MODULES

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Abstract. In this paper, we establish some new identities and inequalities for fusion frames with a scalar in Hilbert C^* -modules. Our results are more general than those previously obtained by Balan et al. for Hilbert space frames. It is shown that the results we obtained can immediately lead to the existing corresponding results when taking suitable scalar. Moreover, we give some double inequalities for fusion frames in Hilbert C^* -modules.

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