

ON TENSOR PRODUCTS OF SOME ISOTROPIC REPRESENTATIONS

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We consider tensor products of some isotropic representations on itself. These representations are related to isotropically irreducible homogeneous Riemann spaces [1, [2]. To results we obtain formulas for the expansion of a $\varphi \otimes \varphi$ tensor square into a direct sum of $\varphi_i, i = 1, n$ irreducible representations [3]:

$$\varphi \otimes \varphi = \sum_{i=1}^n k_i \varphi_i .$$

References

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