REMARKS ABOUT THE DUGUÉ PROBLEM

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Abstract: The paper presents some new results of the Dugué problem of finding the characteristic functions $\phi_1$ and $\phi_2$ such that

$$(1 - c)\phi_1 + c\phi_2 = \phi_1\phi_2, \quad 0 < c < 1.$$ 

2000 AMS Mathematics Subject Classification: 60E05, 60E15, 60E99.

Key words and phrases: Dugué problem, arithmetics of probability measures, characteristic functions.

The full text is available HERE