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Generalization of some extremal problems on non-overlapping domains with free poles

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Although much research has been devoted to extremal problems on non-overlapping domains little is known about all solutions of this problems. We generalized some of this problems on the case of more general systems of points. It was solved using separating transformations and learning functions in detail. Methods used in the paper allowed to get improve and more exact estimations taking into account angular parameters, coefficients of displacement and controlable functionals.

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