Title:

On Finding a Generalized Lowest Rank Solution to a Linear Semi-definite Feasibility Problem

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Abstract:

We generalize the affine rank minimization problem and the vector cardinality minimization problem and it is found that the resulting generalized problem can be solved by solving a sequence of continuous concave minimization problems. In the case of the vector cardinality minimization problem, it can be solved exactly by solving the continuous concave minimization problem.

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