

Dear Editors,

We'd like to submit our manuscript entitled "*Rank Minimization for Sylvester Equation*" to *Applied Mathematics Letters* for possible publication.

In this paper we prove that the well-known Roth's similarity theorem is a special case of a rank minimization theorem for Sylvester equation, which has potential application on related problems in system and automatic control.

Should you have any concerns of our submission, please feel free to contact us.

Best regards,

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