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Linear Noetherian boundary value problem for a matrix difference-algebraic Lyapunov equation. (Ukrainian. English summary) [Zbl 07402568](#)

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Summary: In this article we found the conditions of the existence and constructive scheme for finding the solutions of the linear Noetherian differential-algebraic boundary value problem for a matrix Lyapunov equation.

MSC:

[34A09](#) Implicit ordinary differential equations, differential-algebraic equations

Keywords:

differential-algebraic equation; boundary value problem; matrix Lyapunov equation

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