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Stabilization of Linear Systems

Stability, Oscillations and Optimization of Systems: Volume 5
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This volume presents full survey of stabilization theory for linear control systems. The flow of publications concerned with the methods of stabilization for linear control systems increases in the last 30 years. The book sets out these new methods for solution of the problem of stabilization and pole assigned. The methods of low-frequency stabilization and high-frequency stabilization for solution of the Brockett problem are presented.

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- explains the methods of stabilization for linear control systems
- introduces new methods of low-frequency and high-frequency stabilization
- includes many important results, some of which is previously unpublished
- Poincare mapping, realizing the embedding of unstable manifolds, are constructed.

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