

<<多元有理函数系统与电网络>>

图书基本信息

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### 内容概要

《多元有理函数系统与电网络（英文版）》主要介绍多元有理函数系统与电网络的结构和性质，详细讨论了域 $F(z)$ 上的矩阵及其特征多项式的可约性条件；定义了I型矩阵并证明了它的两个基本性质；介绍了独立参量的变量代换条件，域 $F(z)$ 上线性系统的结构能控能观性问题、电网络的结构性质、RLCM网络的可断性和可约性及能控能观性、有源网络状态方程的存在性条件、能控能观性条件等；附录给出了《多元有理函数系统与电网络（英文版）》用到的一些知识。

《多元有理函数系统与电网络（英文版）》适合电子电气、自动化和应用数学（矩阵理论）专业的研究生、科研和工程技术人员参考阅读。

## &lt;&lt;多元有理函数系统与电网络&gt;&gt;

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