〈微方〉資格考範圍

1. Fundamental Theory: Existence and uniqueness of solutions, Continuity of solutions with respect to parameters, differential inequality.
2. Linear System: Linear System with Constant Coefficients and Periodic Coefficients, Floquet Theory, Phase Portrait of 2-D Autonomous System
3. Linear Stability Theory
4. Lyapunov Stability Theory
5. Periodic Solutions of 2-D Autonomous System:
    (1) Poincare-Bendixson Theorem (2) The Levinson-Smith Theorem
6. Boundary Value Problems

參考書目：
1. Ordinary Differential Equations, 作者：**Miller and Michel**
2. Ordinary Differential Equations (2nd ed.), 作者：**P. Hartman**