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""1. Examples Connected with the Special Linear Group""""2. Some Results on Injective Images of Lie Subsemigroups""; ""3. Examples Connected with the Motion Algebra""; ""4. Examples Connected with the Oscillator Group""; ""5. Examples Connected with Compact Lie Algebras""; ""Chapter 6. Test Algebras and Groups""; ""1. Extensions of the Motion Algebra and of the Oscillator Algebra""; ""2. Test Objects""; ""3. Locally Direct Products of Lie Groups""; ""4. The Proof of the Testing Theorem""; ""Chapter 7. Groups Supporting Reduced Weakly Exponential Semigroups""  
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