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Appendix E.2 A New Determination of the Flow Field Appendix E.3  
Deduction of Eqs. (8.5.1; 2); Appendix F.1 Deduction of Eqs. (9.2.9; 10;  
11; 12); Appendix F.2 Deduction of Eqs. (9.3.5; 6); Appendix F.3  
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and  $\int_2$  in Eqs. (12.4.7; 14); Index

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Sommario/riassunto

Introduction to Molecular Beams Gas Dynamics is devoted to the theory and phenomenology of supersonic molecular beams. The book describes the main physical idea and mathematical methods of the gas dynamics of molecular beams, while the detailed derivation of results and equations is accompanied by an explanation of their physical meaning. The phenomenology of supersonic beams can appear complex to those not experienced in supersonic gas dynamics and the few existing reviews on the topic generally presume specific knowledge of the subject. The book begins with a quantitative description of the

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