



**Solution Manual For Statistical Mechanics Pathria**

Item # 24698 INSTRUCTOR'S MANUAL CONTAINING SOLUTIONS TO OVER 200 PROBLEMS SELECTED FROM STATISTICAL MECHANICS (SECOND EDITION) BY R.K. PATHRIA PREFACE 'The idea of producing this manual first came from my friend and colleague Wing-Ki Liu several years ago when I had just embarked on the task of preparing the second edition of my book on Statistical Mechanics.

**Stat Mec Pathria Solutions - Scribd**

Study the statistical mechanics of an extreme relativistic gas characterized by the single-particle energy states instead of (1.4.5), along the lines followed in Section 1.4. Show that the ratio  $C_P / C_V$  in this case is  $4/3$ , instead of  $5/3$ .

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