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calculations of a helium atom and a hydrogen molecule in addition to including the hartree fock method and post hartree fock methods

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applied mathematical methods covers the material vital for research in today s world and can be covered in a regular semester course it is the consolidation of the efforts of teaching the compulsory first semester post graduate applied mathematics course at the department of mechanical engineering at iit kanpur for two successive years

el objetivo de este texto es servir de apoyo al estudiante que sigue un curso básico de física estadística útil también para profesores especialmente para los que se plantean qué contenidos escoger para el curso se trata pues de un manual de física estadística con un planteamiento y contenido adecuados a los fines docentes que se persiguen y que ha surgido en conexión directa con la valoración de la docencia de los autores

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