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Prof. Chen is a plasma physicist with a career extending over 48 years and encompassing both experiment and theory. He has devoted about a decade each to the subfields of magnetic fusion, laser fusion, plasma diagnostics, basic plasma physics, and low-temperature plasma physics.

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INTRODUCTION TO PLASMA PHYSICS AND CONTROLLED FUSION

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function: The Maxwell distribution function is given by $f(v) = n_0 \left(\frac{m}{2\pi k_B T} \right)^{3/2} \exp \left(-\frac{mv^2}{2k_B T} \right)$. By
integrating over velocity space compute the particle number density n , the kinetic energy density
 $\frac{1}{2} n m \langle v^2 \rangle$

4. Moments of the Maxwell distribution function

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Introduction to Plasma Physics and Controlled Fusion etc.

Chen has been concerned with not only basic research in plasma physics and magnetic and inertial
confinement fusion, but also with low-energy plasma physics for industrial applications such as
semiconductors. He has worked in both theoretical and experimental plasma physics.

Francis F. Chen - Wikipedia

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Prof. Chen is a plasma physicist with a career extending over 48 years and encompassing both
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