

$$\underline{C} = \underline{v} \times \underline{L} - \left(\frac{K}{r}\right) \underline{L}$$

$$\underline{r} = \frac{L^2 / km}{1 + (e/k) \cos \theta}$$

Vol. I
Mathematics of Classical
and Quantum Physics

$$\psi(r) = e^{-\frac{m}{\hbar^2} \int_0^r G(r') V(r') \psi(r') dr'}$$

Byron Fuller

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Department of Bibliography,1978

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