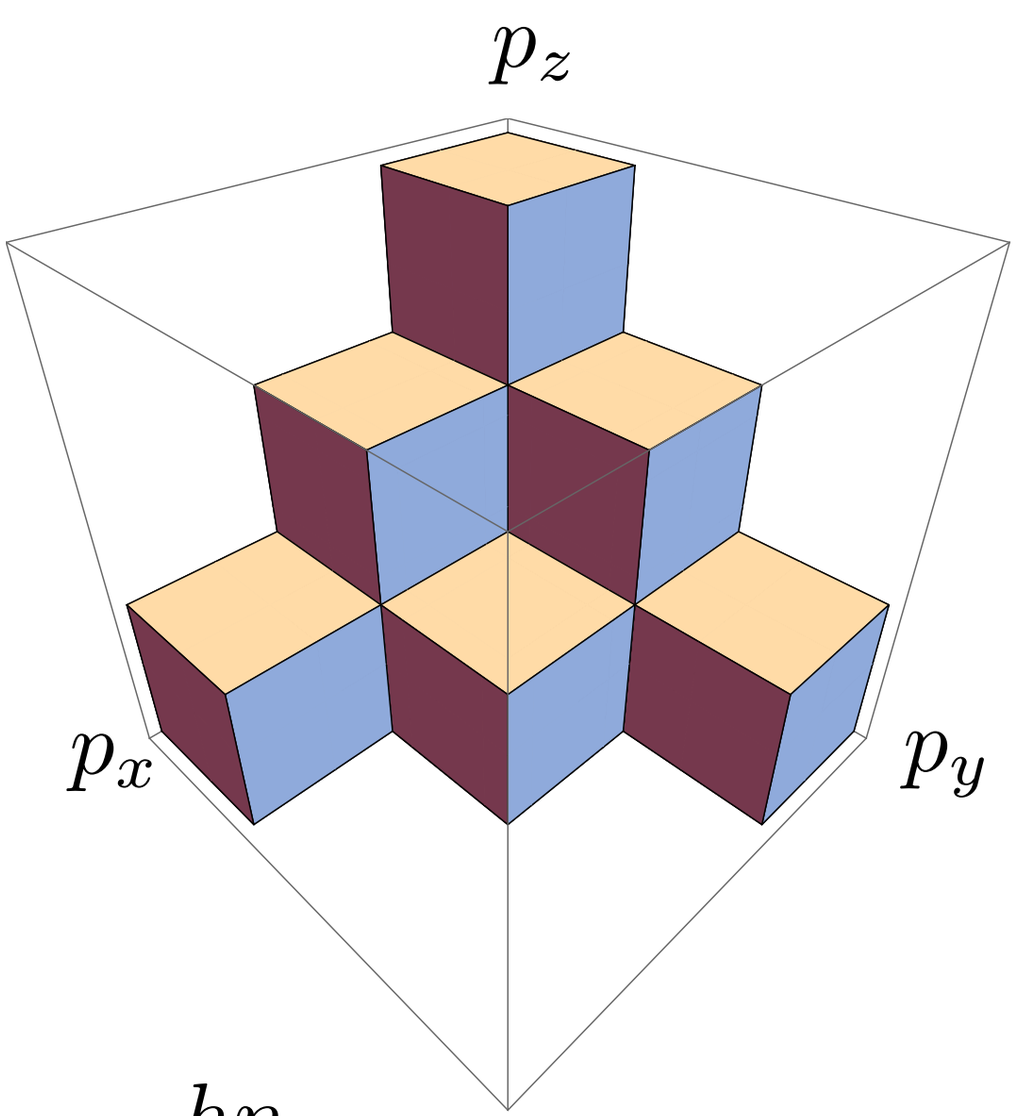
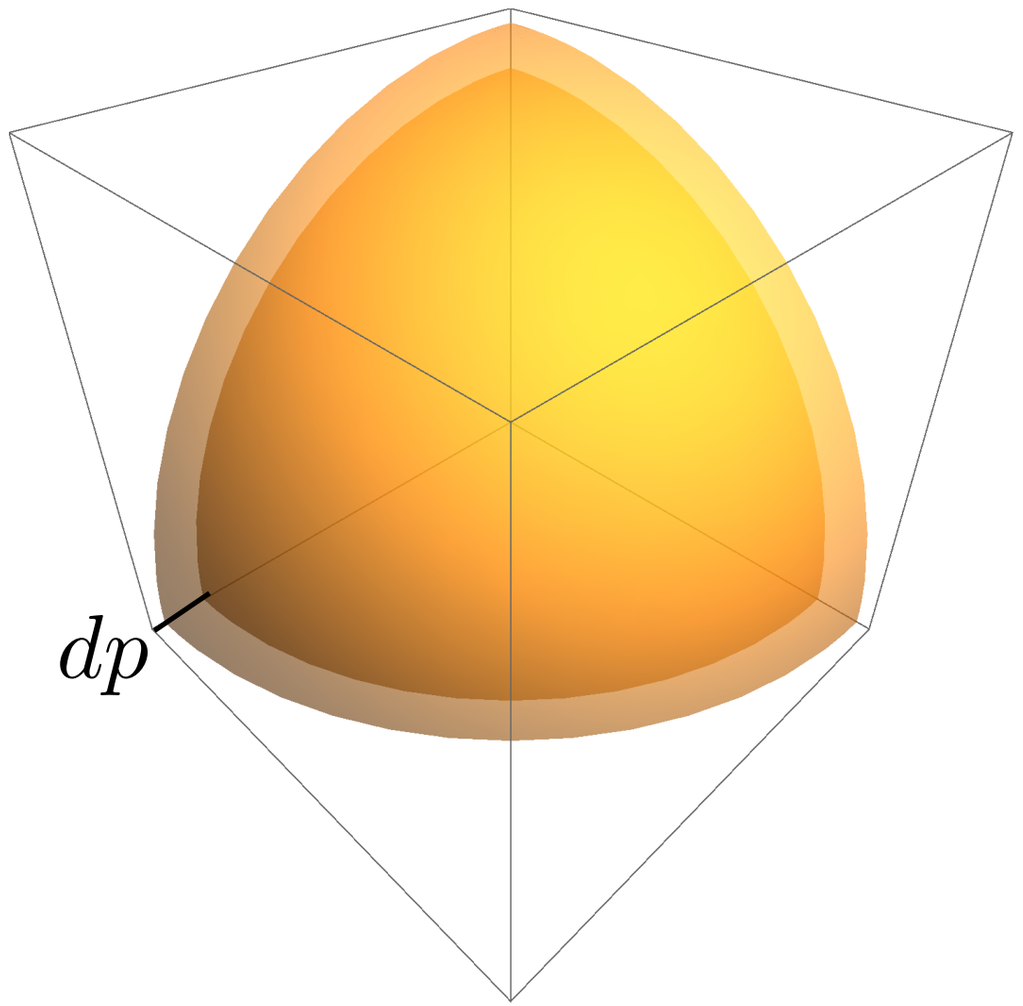


$$A_p(p) = \frac{4}{8}\pi p^2$$



$$V_p(p+dp) = \frac{1}{2}\pi p^2 dp$$

$$p_x = \frac{hn_x}{2L}$$

$$p_y = \frac{hn_y}{2L}$$

$$p_z = \frac{hn_z}{2L} \qquad n_x, n_y, n_z = 1, 2, 3, ...$$