Cylinder by spharoid

$$a_{\epsilon} = \frac{\ell}{2\gamma}$$

$$a_5 = \frac{a_1}{a_2}$$

$$V_s = \frac{4}{3} + a_z^2 a_1$$

Input: l, x

$$c = V_S$$
 $a_C = a$

$$e_{T/V}^2 = \frac{4}{3} \pi a_z^2 a_1$$

$$x^{2} = \frac{4}{3} o_{1}^{2} a_{2} \frac{\ell}{2x}$$
 => $a_{1} = a_{2} \frac{\ell}{2}$

$$y = \frac{3}{3} a_2 a_2 \frac{2}{2} y$$

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$$a_c = a_s$$

$$\Rightarrow a_1 = a_2 \frac{\ell}{2r}$$

=)
$$a_1 = \sqrt[3]{\frac{2}{2}}$$

$$y^{2} = \frac{2}{3} a_{2}^{2}$$

$$a_2 = \sqrt{\frac{3}{2}} Y$$

$$a_2 = \sqrt{\frac{3}{2}} v$$

$$V_c = V_s$$

$$\frac{a_{\ell} = a_{5}}{\ell} = \frac{a_{7}}{a_{7}} = \frac{2a_{7} = \ell}{2} = \frac{a_{7}}{a_{7}}$$

$$\frac{\ell}{2r} = \frac{a_{7}}{a_{7}} = \frac{2}{2} = \frac{e_{7}}{a_{7}}$$

$$\frac{\ell}{2x} = \frac{\ell}{2\alpha_2}$$

$$\frac{a_1 = a_3}{\ell} = \frac{a_2 = x}{a_3}$$

$$\frac{\ell}{2x} = \frac{a_1}{a_2} = \frac{x}{2}$$

$$\Rightarrow a_n = \frac{a_n}{2}$$

$$a_1 = \frac{\ell}{2}$$
 $a_2 = \gamma$