

圓柱體 (Cylinder)

$S(r) = \pi r^2 + \frac{2V}{r}$

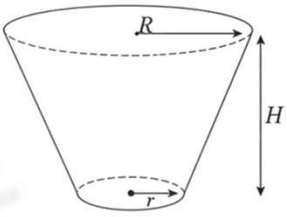
V= 50	
Step	0.02
Rows	50
Start	2



平截頭體 (Frustum)

$S = \frac{k + 1}{r(k^2 + k + 1)} \sqrt{22500 + \pi^2 r^6 (k - 1)^2 (k^2 + k + 1)^2} + \pi r^2$

V= 50	
Step	0.1
Rows	40
Start	1
k	1.2



r	H	S	S-Min
2.00	3.9789	62.5664	59.6329
2.02	3.9005	62.3239	
2.04	3.8244	62.0937	
2.06	3.7505	61.8754	
2.08	3.6787	61.6687	
2.1	3.6090	61.4735	
2.12	3.5412	61.2894	
2.14	3.4753	61.1162	
2.16	3.4112	60.9537	
2.18	3.3489	60.8017	
2.2	3.2883	60.6599	
2.22	3.2293	60.5281	
2.24	3.1719	60.4061	
2.26	3.1160	60.2938	
2.28	3.0616	60.1909	
2.3	3.0086	60.0973	
2.32	2.9570	60.0128	
2.34	2.9066	59.9371	
2.36	2.8576	59.8703	
2.38	2.8097	59.8120	
2.4	2.7631	59.7622	
2.42	2.7176	59.7207	
2.44	2.6733	59.6874	
2.46	2.6300	59.6621	
2.48	2.5877	59.6446	
2.5	2.5465	59.6350	
2.52	2.5062	59.6329	
2.54	2.4669	59.6384	
2.56	2.4285	59.6512	
2.58	2.3910	59.6714	
2.6	2.3544	59.6987	
2.62	2.3186	59.7331	
2.64	2.2836	59.7744	
2.66	2.2493	59.8226	
2.68	2.2159	59.8776	
2.7	2.1832	59.9392	
2.72	2.1512	60.0075	
2.74	2.1199	60.0822	
2.76	2.0893	60.1633	
2.78	2.0594	60.2507	
2.8	2.0300	60.3444	
2.82	2.0013	60.4442	
2.84	1.9733	60.5501	
2.86	1.9458	60.6620	
2.88	1.9188	60.7798	
2.9	1.8924	60.9036	
2.92	1.8666	61.0331	
2.94	1.8413	61.1683	
2.96	1.8165	61.3092	
2.98	1.7922	61.4556	

r	R	H	S	S-Min
1.00	1.2000	13.1172	93.8115	56.7003
1.10	1.3200	10.8406	86.2359	
1.20	1.4400	9.1091	80.0996	
1.30	1.5600	7.7616	75.0864	
1.40	1.6800	6.6924	70.9708	
1.50	1.8000	5.8299	67.5881	
1.60	1.9200	5.1239	64.8150	
1.70	2.0400	4.5388	62.5576	
1.80	2.1600	4.0485	60.7438	
1.90	2.2800	3.6336	59.3168	
2.00	2.4000	3.2793	58.2320	
2.10	2.5200	2.9744	57.4538	
2.20	2.6400	2.7102	56.9537	
2.30	2.7600	2.4796	56.7087	
2.40	2.8800	2.2773	56.7003	
2.50	3.0000	2.0987	56.9136	
2.60	3.1200	1.9404	57.3365	
2.70	3.2400	1.7993	57.9593	
2.80	3.3600	1.6731	58.7739	
2.90	3.4800	1.5597	59.7742	
3.00	3.6000	1.4575	60.9547	
3.10	3.7200	1.3649	62.3112	
3.20	3.8400	1.2810	63.8402	
3.30	3.9600	1.2045	65.5383	
3.40	4.0800	1.1347	67.4028	
3.50	4.2000	1.0708	69.4309	
3.60	4.3200	1.0121	71.6201	
3.70	4.4400	0.9582	73.9677	
3.80	4.5600	0.9084	76.4710	
3.90	4.6800	0.8624	79.1272	
4.00	4.8000	0.8198	81.9333	
4.10	4.9200	0.7803	84.8863	
4.20	5.0400	0.7436	87.9831	
4.30	5.1600	0.7094	91.2206	
4.40	5.2800	0.6775	94.5956	
4.50	5.4000	0.6478	98.1051	
4.60	5.5200	0.6199	101.7459	
4.70	5.6400	0.5938	105.5151	
4.80	5.7600	0.5693	109.4099	
4.90	5.8800	0.5463	113.4274	