

Console

n	xn	yn	zn
0	0.000000	0.000000	0.000000
1	0.700000	0.500000	1.200000
2	0.659835	0.441660	1.094428
3	0.659773	0.441516	1.092895
4	0.659773	0.441516	1.092895
5	0.659773	0.441516	1.092895

The solution is $x = 0.659773$, $y = 0.441516$ and $z = 1.092895$

Note : There are computation errors in calculation given by the book