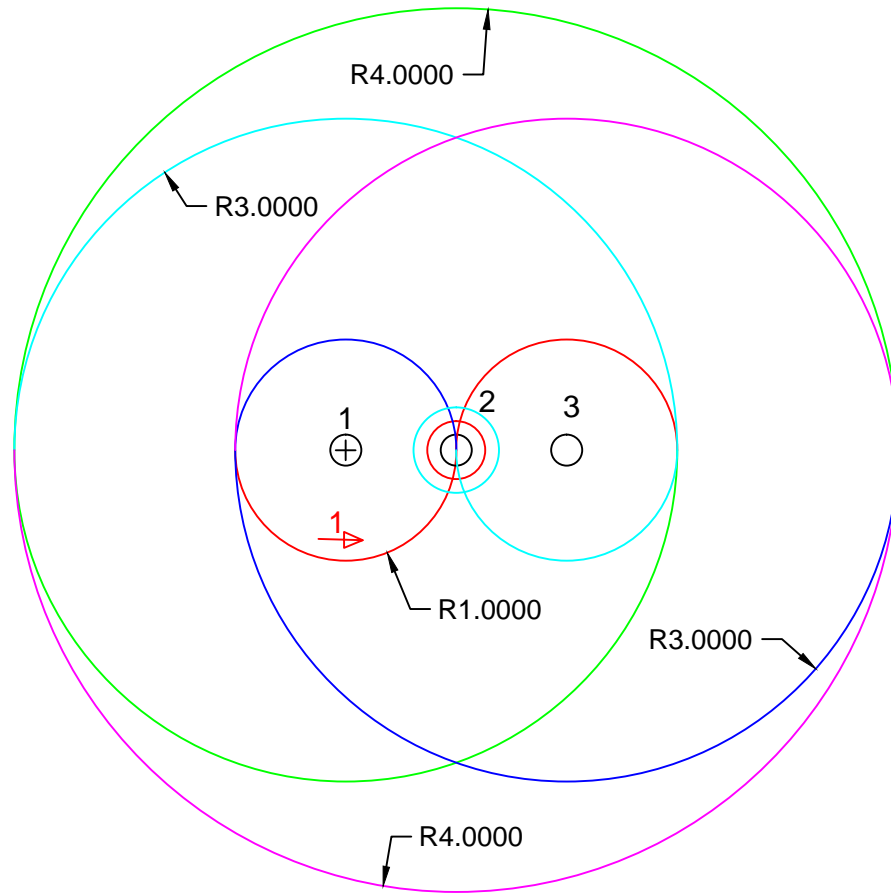


A047622

Rotation(n)	Spiral length L(n)	L(n)/Pi	Sum L(n)/Pi
1	$(1+2)Pi$	3	3
2	$(1+1)Pi$	2	5
3	$(2+1)Pi$	3	8
4	$(1+2)Pi$	3	11
5	$(1+1)Pi$	2	13
6	$(2+1)Pi$	3	16
7	$(1+2)Pi$	3	19
8	$(1+1)Pi$	2	21
...



A234902

Rotation(n)	Spiral length L(n)	L(n)/Pi	Sum L(n)/Pi
1	$(1+0+1)Pi$	2	2
2	$(3+4)Pi$	7	9
3	$(3+1)Pi$	4	13
4	$(0+1+3)Pi$	4	17
5	$(4+3)Pi$	7	24
6	$(1+0+1)Pi$	2	26
7	$(3+4)Pi$	7	33
8	$(3+1)Pi$	4	37
...