

Table: Geometrical properties of Bean and Cassini curves

Properties	Bean curves	Cassini ovals
<i>Intercepts:</i>	$(0, 0), (0, a_1^2)$	$(\pm\sqrt{a_2^2 \pm b_2^2}, 0), (0, \pm\sqrt{b_2^2 - a_2^2})$
<i>Extrema:</i>	$(0, a_1^2), \left( \pm \sqrt{\frac{a_1^2 b_1^3 (b_1 - 2a_1)}{16(b_1 - a_1)^2}}, \frac{a_1 b_1^2}{4(b_1 - a_1)} \right)^*$ $\left( \pm \sqrt{\frac{a_1^2 b_1^2}{16} \left(1 + 2\sqrt{\frac{a_1}{b_1}}\right)}, \frac{a_1 b_1}{4} \right)$	$(\pm\sqrt{a_2^2 \pm b_2^2}, 0), (0, \pm\sqrt{b_2^2 - a_2^2})^*$ $\left( \frac{\pm\sqrt{4a_2^4 - b_2^4}}{2a_2}, \pm\frac{b_2^2}{2a_2} \right)$
<i>Symmetries:</i>	$x = 0; (0, 0)$	$x = 0; y = 0; (0, 0)$
<i>Loops:</i>	a single connected loop for $(\pm a_1, \pm b_1)$ three connected loops for $(\pm a_1, \mp b_1)$ —	a single loop if $a_2 < b_2$ the lemniscate of Bernoulli, if $a_2 = b_2$ two disconnected loops, if $a_2 > b_2$
<i>Nodes:</i>	$(0, \frac{a_1^2}{2})$ if $a_1 = b_1$	$(0, 0)$ if $a_2 = b_2$

Table: XYZ

$\sigma$	$\eta$	
	<i>Model(I)</i>	<i>Model(II)</i>
0.0	-5.12	-2.0
0.15	-5.04507	-1.92518
10.0	-10.3949	-7.62391
30.0	-22.2524	-21.375
70.0	-49.6698	-55.0179

Eigenvalues  $\omega_0^2$  and  $\omega_1^2$  of Eq.(26) for  $r_0 = 1.1$  and varying  $B$ , for two string configuration

Apples					
A1		a1	B1		b1
Q1	Q2		Q1	Q2	
1	3	4	a	b	c
00	22	08	v	h	p

With width specified:

Day	Min Temp	Max Temp	Summary
Monday	11C	22C	A clear day with lots of sunshine. However, the strong breeze will bring down the temperatures.
Tuesday	9C	19C	Cloudy with rain, across many northern regions. Clear spells across most of Scotland and Northern Ireland, but rain reaching the far northwest.
Wednesday	10C	21C	Rain will still linger for the morning. Conditions will improve by early afternoon and continue throughout the evening.

Team	P	W	D	L	F	A	Pts
Manchester United	6	4	0	2	10	5	12
Celtic	6	3	0	3	8	9	9
Benfica	6	2	1	3	7	8	7
FC Copenhagen	6	2	1	3	5	8	7

## Rows spanning multiple columns

Team sheet	
GK	Paul Robinson
LB	Lucas Radebe
DC	Michael Duberry
DC	Dominic Matteo
RB	Dider Domi
MC	David Batty
MC	Eirik Bakke
MC	Jody Morris
FW	Jamie McMaster
ST	Alan Smith
ST	Mark Viduka

## Columns spanning multiple rows

Team sheet		
Goalkeeper	GK	Paul Robinson
Defenders	LB	Lucas Radebe
	DC	Michael Duburrry
	DC	Dominic Matteo
	RB	Didier Domi
Midfielders	MC	David Batty
	MC	Eirik Bakke
	MC	Jody Morris
Forward	FW	Jamie McMaster
Strikers	ST	Alan Smith
	ST	Mark Viduka

Spanning in both directions simultaneously

		Primes			
		2	3	5	7
Powers	504	3	2	0	1
	540	2	3	1	0
Powers	gcd	2	2	0	0
	lcm	3	3	1	1

min  
max