

## Hooke's Law

### Force-Deflection dependency analysis

Row	knowns	16	8	4	2	1	bits	prev	next
		Rate	Force_1	Deflect_1	Force_2	Deflect_2			
			Not initialized						
	1	Initialized - If I know these ...							
	c	... then I can calculate this							
	x	Initialized & over specified							
1	1	1					16		
2	1		1				8		
3	1			1			4		
4	1				1		2		
5	1					1	1		
6	2	1	1	c			24		
7	2	1	c	1			20		
8	2	1			1	c	18		
9	2	1			c	1	17		
10	2	c	1	1			12		
11	2		1		1		10		
12	2		1			1	9		
13	2			1	1		6		
14	2			1		1	5		
15	2	c			1	1	3		
16	3	1	1	1			28		
17	3	1	1	c	1	c	26		
18	3	1	1	c	c	1	25		
19	3	1	c	1	1	c	22		
20	3	1	c	1	c	1	21		
21	3	1			1	1	19		
22	3	c	1	1	1	c	14		
24	3	c	1	1	c	1	13		
23	3	c	1	c	1	1	11		
25	3	c	c	1	1	1	7		
26	4	1	1	1	1	x	30		
27	4	1	1	1	x	1	29		
28	4	1	1	x	1	1	27		
29	4	1	x	1	1	1	23		
30	4	x	1	1	1	1	15		