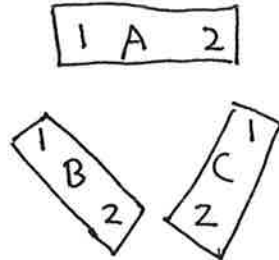


EX 1.2 (Loadstone logic)

Loadstone polarity problem



a) A1 repels B2

A1 attracts C1

b) C1 is green

A1 is red

1)

Loadstone Pole	A		B		C	
	1	2	1	2	1	2
	N	S	S	N	S	N
	S	N	N	S	N	S

There are two possible configurations

2)

Loadstone Pole	A		B		C	
	1*	2	1	2*	1*	2
	R	B	B	R	G	B
	R	B	B	R	G	R
	R	B	G	R	G	B
	R	B	G	R	G	R
	R	G	B	R	G	B
	R	G	B	R	G	R
	R	G	G	R	G	B
	R	G	G	R	G	R

There are 8 possible configurations