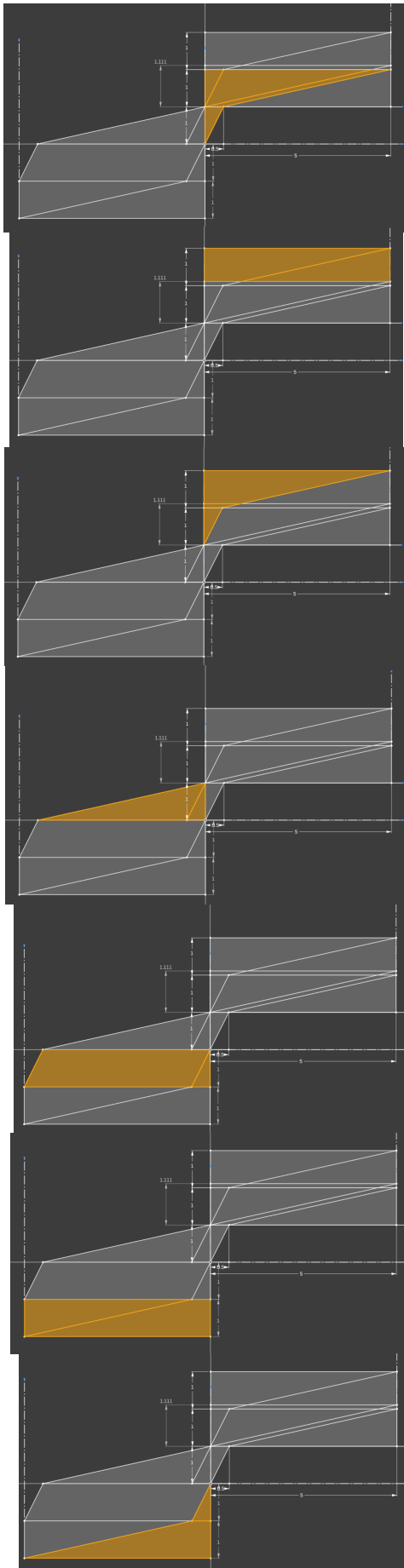


4



6



Stage	Description	Area
1	powering up coil to very high current	-3
2	coil attracting magnet	5
2	core attracting magnet	5
2	energy from source providing constant current	-5
3	powering down coil	3
4	negate field due to PM in core	-2.25
4	reverse field due to PM in core	-4.75
5	coil pushing magnet away	5
5	core pushing magnet away	5
5	energy from source providing constant current	-5
6	powering up down coil from very high current	3
Total		6