QA

Q1、磁軌砲(Railgun)的作用原理下列何者為非?

1、電流磁效應 2、勞倫茲力 3、牛頓第二運動定律 4、冷次定律

Q2、下列敘述何者正確?

1、線圈砲(Coilgun)的能量使用效率高

2、磁軌砲為直接利用化學能的動能武器

3、磁浮列車為利用電磁作用力的交通工具

4、人類能承受的G力上限大約為19G

Q3、關於質量投射器，下列何者正確?

1、發射軌道短

2、應用範圍廣

3、能量需求小

4、NASA曾經藉由質量投射器，將太空船送上太空

Q1, which is not the principle for rail gun to work ?

1. current magnetic effect
2. Laurence Force
3. Newton's second law of motion
4. Lenz law

Q2, which of the following narratives is correct?

(A) coil gun’s energy-used efficiency is high.

(B) magnetic rail gun uses chemical energy as momentum.

(C) maglev train uses electromagnetic force to work.

(D) The upper limit of G force that humans can withstand is about 19G.

Q3, about the mass driver, which of the following is correct?

(A) the launch orbit is short.

(B) a wide range of applications.

(C) energy demand is small.

(D) NASA once sent a spacecraft into space with a mass driver.