简单机械

1. 大科学实验：拯救围巾大作战（杠杆）

https://www.bilibili.com/video/av14291104/?p=21

1. 大科学实验：轻松悬吊钢琴（滑轮）

https://www.bilibili.com/video/av14291104/?p=30

1. 物理大师：杠杆

https://www.bilibili.com/video/av13939123?from=search&seid=5626849583972272106

1. 物理大师：杠杆平衡条件

https://www.bilibili.com/video/av13978164?from=search&seid=5626849583972272106

1. 物理大师：滑轮

https://www.bilibili.com/video/av14016291?from=search&seid=2163742674782022901

1. 物理大师：机械效率

https://www.bilibili.com/video/av18906228?from=search&seid=16446182605401746227

内能

1.物理大师：分子热运动上

https://www.bilibili.com/video/av14052395?from=search&seid=2955003228685084908

2.物理大师：分子热运动下

https://www.bilibili.com/video/av14154583?from=search&seid=2955003228685084908

3.科学小实验：扩散现象

https://www.bilibili.com/video/av49684434?from=search&seid=11819753351894774556

4.物理实验：铅块间的分子引力

https://www.bilibili.com/video/av29973775?from=search&seid=9263716317519175442

5.物理大师：内能

https://www.bilibili.com/video/av14182712?from=search&seid=16048704134788259236

6.物理大师：比热容

https://www.bilibili.com/video/av14210890?from=search&seid=16462725536517561451

内能的利用

1.物理大师：热机

https://www.bilibili.com/video/av14238385?from=search&seid=1065257225057235554

2.汽油机的四冲程

https://www.bilibili.com/video/av33441684?from=search&seid=1065257225057235554

3.柴油机的四冲程

https://www.bilibili.com/video/av31536237?from=search&seid=4761047202787890527

4.汽车发动机工作原理

https://www.bilibili.com/video/av18204780?from=search&seid=4761047202787890527

5.物理大师：热机效率

https://www.bilibili.com/video/av14266280?from=search&seid=1065257225057235554

电流与电路

1.物理大师：两种电荷

https://www.bilibili.com/video/av14366605?from=search&seid=7197567054642718131

2.感应起电

https://www.bilibili.com/video/av21386190?from=search&seid=17349924442766189817

3.大科学实验：用静电作画

https://www.bilibili.com/video/av14291104/?p=17

1. 物理大师：电流与电路

https://www.bilibili.com/video/av14393263?from=search&seid=6591613130810628865

5.物理大师：串联和并联

https://www.bilibili.com/video/av14421072?from=search&seid=2889289960843283945

6.物理大师：电流的测量与规律

https://www.bilibili.com/video/av14446176?from=search&seid=15448950444047320742

电压与电阻

# 1.作死物理小讲堂：凶手是电流还是电压？

https://www.bilibili.com/video/av1606379?from=search&seid=7962247922810187797

2.物理大师：皮卡丘的致命力量——电压

https://www.bilibili.com/video/av14472566?from=search&seid=150889142806568838

3.物理大师：雷神锤铠甲——电阻

https://www.bilibili.com/video/av14572324?from=search&seid=15686152344698565043

4.物理大师：欧姆定律

https://www.bilibili.com/video/av14598859?from=search&seid=7122889543981734782