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1. Nowton's achievements:
 1) Principia # 2 Machinetics: Differential & Integral calculus & Binomial theorem & Newton-Raphson method
 ③ Optics(克莱): Color analysis: color是解而维发型和/white light 多种充混合成/ Reflecting telescope. 及物型流流
 4) Motjon: Celestial mechanics & Gravitation.
                                             * Galileo:
 2 *F celestrial motion:
                                            father of observational astronomy/
  Galileo:未把力与延迟边联系
                                                   Scientific method/modern physics
  Copernicus: No significant însight.
  Kepler:提出太阳/卫星间 magnetic interaction 三种
  Hooke: If Newtonian dynamics & gravitation's laws to take
  △有越丽证明《外运动规律而故事:
  Hooke/Halley/Wren 问何种力支撑天体椭圆柱!
       华版政治教 prove mathematically. ** Grant Hooke credits 的原因.
      1912/2019 & methernatical proof.
       Halley the Fap that perfect demonstration.
        Newton 2 ways to prove
 3. Thought Experiment (prove \frac{h}{a_1} = \frac{F_2}{a_2} = m)
  如何是基 mass? Nowton: Move them up & down > 有 which moves easily
           Newton's cannonball / Projectile motion
                                          外後出 law of inertia mo原因: "too much a physicist"
  4.对于物理/数等态度
   Galileo: 12$ sensory experience 1219. (real world)
  Newton 为清教理解 have a clear seperation between physics & mothematics. >1里的为philosophy.
 o physicist 注重 experience / nothematician 注重理性化.
                                                           * Modern science = Mathematization +
 米对天体运动: 并极小为是惯性运动》ib明 God信在. (inertial) accelerated pure of Corcular motion): Galileo 认为是惯性/Newton 认为是如此的(何知力).
   Galileo "Two New Sciences" 只包括拍然的证明的数注条件/ Newton to principia. 包含数注原程 to "natural philosophy.
                                                                             (理想北河)
                                (mothemotical conditions exemplified in nature)
My note:
  Science is a collective and cumulative activity and
we may find in it the measure of the influence of
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an individual genius on the future of a cooperative scientific effort

J					