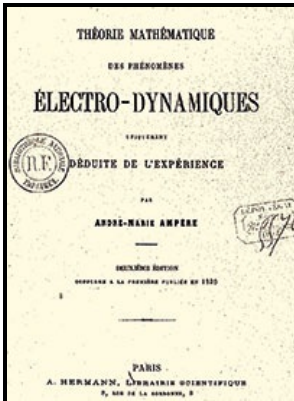


# Experimenta circa effectum conflictus electrici in acum magneticam

Readex Microprint - Sådan fejrede Danmark Ørsted



Description: -

-Experimenta circa effectum conflictus electrici in acum magneticam

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Landmarks of scienceExperimenta circa effectum conflictus electrici in acum magneticam

Notes: Microprint copy of the pages 275-281 of Journal Für Chemie und physik, XXIX (1820).

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Tags: #OERSTED, #Hans #Christian #(1777

## Experimenta circa effectum conflictus electrici in acum magneticam

The Kantian doctrine of Grundkräfte led directly to the idea of conversion of forces. Material Symbol Curie temperature K Curie temperature °C Cobalt Co 1400 1126 Iron Fe 1043 769 Iron Boron Fe 2B 1015 742 Samarium Cobalt SmCo 5 SmCo 17 995 1098 722 825 Magnetite FeOFe 2O 3 858 585 Nickel Iron oxide NiOFe 2O 3 858 585 Copper Iron oxide CuOFe 2O 3 728 455 Magnesium Iron oxide MgOFe 2O 3 713 440 Manganese Bismuth MnBi 630 357 Copper Manganese Aluminium Cu 2MnAl 630 357 Nickel Ni 627 354 Manganese Antimony MnSb 587 314 Neodymium Iron Boron Nd 2Fe 14B 585 312 Manganese Boron MnB 578 305 Manganese Iron oxide MnOFe 2O 3 573 300 Chromium dioxide CrO 2 386 113 Gadolinium Gd 292 19 Dysprosium Dy 88 -185 Europium oxide EuO 69 -204 Tableau: Curie temperature. His experimentis monstrari videbatur, acum magneticam ope apparatus galvanici e situ moveri; idque circulo galvanico cluso, non aperto, ut frustra tentaverunt aliquot abhinc annis physici quidam celeberrimi.

## Experimenta circa effectum conflictus electrici in acum magneticam by Hans Christian Ørsted

Quod deest quando illa utensilia nobis servire desinunt, tensura electrica est qua electronum motus efficitur. In experimentis recensendis omnia praeteribo, quae ad rationem rei inveniendam quidem conduxerunt, hac autem inventa rem amplius illustrare nequeunt; in eis igitur, quae rei rationem perspicue demonstrant, acquiescamus.

## bibliotheca Augustana

II Longmann, Green and Co. Pars cujusque laminae Zinceae in aqua submersa Quadratum est, cujus latus circiter longitudinem 10 pollicum habet.

## Disputatio:Experimenta circa effectum conflictus electrici in acum magneticam

Quando planum crurum ponitur perpendiculare ad locum inter polum et medium acus, iidem, tantummodo inversi, occurrunt effectus. Saepius equidem solus experimenta circa materiam propositam institui, quae autem ita mihi contigit detegere phaenomena, in conventu horum virorum doctissimorum repetivi. Conflictus electricus non nisi in particulas magneticas materiae agere valet.

**OERSTED, Hans Christian (1777**

Ørsted was the first modern thinker to explicitly describe and name the thought experiment. Typis Schultzianis, 1820, Chicago Ørsted, Hans Christian.

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