

Bankin Mentris (Manualologe)

toster Lectore S. Van Velum 1 and the rise of Okonical Physitigis. Sino -144 " Cheverical physicage had an origin of its own [1.123] 1793 -isvi forerianes; Basil Valentine : Curros Crininghalis autri ourie 13 " clements" protosty his 125 the word element was not wilevoled to wear that what it means to us know, a fundamental mile of makes, but a several quality or property of malra." ers. The the elevents of Valentine were (1) sulphus, or that which is cerul. bushible, while is the changed or de strayed, or which at all events dis: expears during burning or combastin (2) mercury, that which terrege aris disappears, while is dissociated in

burning from the body burnt but which may be reconver that is to day hat which is whatile and (3) talk, that while is fixed, the residue or ash while Nemacis after barring. (125) garchai forces which govern to dehermine the phenomena of the misvey " chemical changes included 1 125) " the centralments of energy." Perseelses: winklinde alanguire as outsider gazen die Medegemente Mivezir. Das mind die ersten aufonge des Chermies l'avacelous hat opmon omjesties au cruppablen, while perhaps more han any me along has influenced the fortunis of mankind, " (in) 127 x be was a chemist to the beakbone... " All physiologuest processes, ac -

Bundin Henry (Mansholy)

corrupto him, are cherrical provenes governed by the archains " (14) Dur lehre, dient das writer un Samurell, winds wer the rawings of an gurant chalatan, - rier ale. Jenemen bluid maning, derigh van Kleber ent. 128 Van Welment 157216 whitel mis mis der aredone ab (129), das Sagaretaire mi Windalis! 1648 portheir Orter medicinae! Saracelous ner = erstanden, aber in sines neven week " (130). The exalte Physiologie was Leotition entslander (Harvey, (kanta e Carin, Vesalier, F. Becon, Dercall, Lever veelen wohnen in ihre (130) Our Responentes, Esperiminatalo, unt de linge ain de Mannt - en unphale, Heladaline Tramme, Philasph, de die & weenich Hare well ries theefe ruft.

17 , Jan and Isla, charactershi of this ducalism his elevents ing air and 132 hater (everything while is not cir) that - all regulable and flesh consent of water Wohleware som 7 can prove by experiment " 13? 135 gas is the effect of fermentaking " His crepordier of physiology is based On a theory of fermentation". 176 Not three but six digestions Or could concochions 136. 1) first dipoheir in the stimuely, acid ferrement ; peptic dijection " The ferment actions of which he is meaking one wend were complicated May ording chewical actions. W is, I way say in pering, work will to wate this engression; it theres that Van Retmind was nearer Trouble

have some of these who inewediately former breis (137) 2) second digitain is this the charge in the Indention by the bile. 3) this dy she : saugen fora time crude blood : crow and service, out of the former cinfiel that the later wrund and Sweat. 138. by the live - facces. 4/ fourth dig this in the heart and ateries. 139 from vewers to asterial blow. 5/ fifthe dijetien , with wither sprint of the archains " 1191 6 | the riet and last digition Take place in the Kitchery of the sevent members, for their are as many Humands as their are mutistive weentres! (141) " Ead vismo contenio mantario it own indisdual kitchen within whell (141) he want no accines yours counts, - vital vaint suffices. (ivi)



the relations of the arrivary and to of the poheromena of the God, , As what he cale, the semistive and motive time The arreina semistion motivague" (142

Lecture VI. Lyhnis and his proports.

The Physochopy of Regestion in the

Leventeenth, Century. S 145 = 173

Sanclorius Landonius, though he did

who deal wing rooks either the new che

wrical or the new physical ideas yet

expelying.... exact unconvenement to the

before in exact unconvenement to the

Jelerematerin of physical data apend

up a him of migrary, which

makerown before him... has in

thee late years been made to

produce most reliable remets. 175

1831-1636 Medical Halics 1619

a persparaho meanibilis

Ener while dans person hile - 30 7. Vermile " But he cares were for practical guidance Man for theoretical can: almorins 142. " H to and according to mee" " will help of his balence. (17) 1614 -16 \$2 tr. Sylvais, his legiturate descendant of van Helment a Though a war of a whole different type of ribelact ... 117 distincely and clearly whether themer now call a chewit " (147) Leyden seems to have been the first ausveerity Chemical laboratory 147 Tyle. Study of salts, over west to Stank tips 4 pahays mariety by the wicre and Knowledge of the various sales, and their Composition, Marker chew calorisence is achance of that of van thelewil! (18) chewist, ferwantative - way but he knew modern anadorny, lawrey, he was funde of a school. (propagam rist.) 149.

Timestay is in the Penal form, dan les Ever whis law a populate. - 30]. Vermile His main work was were the call the chemical problems granuled by the human body, but that he brois humely chiefly with, and was well successful the struly of the fluids of the and, the blood the hymph pen the several fuces or secretains! l'eg a spent one of van Relimint " 490 " of more exquisite name then a snight Chamical change for v. A. - Lyly means, effervescente bythe vising et. in this relooprade 152 but unsprintralistic at least.") No weening connections between abouting and opportunation had broke of physics and mechanics. Jet it could the cross, that So he auxed up ferrientations is yours Rat accom

Cheverly of living and the so cale day way been and the same thing; their key: adequate knew stades of acris and ackalis ... 152. No wey ticesien, pure unaterialism, he due to lie mplue uco. 153. Jahris had been time fund, and so tyle Duas for talin a dipstion i to chyli. fication. (186) 2) paucratic quice and like afferreseart (?!) 137 Levelin of urine (157) Borelli's unchanceal theory " Fish ratio. Lylv, blow ... pregnant for the xeconstein of the running derority 1.159 160 Borelle accepts accional opent get as a find wellow al flied, She low, when a chewical flerick type : come alertol lates nothernation against. Ja In -cherries

10

Borelli was plushrophe why, hope active plupmian , o unbounded confudence we the validity of his without " 16; - [But was i'd facutories a second Jelinis as to Burelei ?) Broklis digersin fortwaters (165) Experiments! Misfollower deviced any chemic influence. 166 Van Gelment- tylerie, dephin: chrefly chemical. Or saliva or n. W. 3 Jerment with I toman cheef 16%. Jest mentioned we have to wait for a long time, for wany years, for in fact the pocate part of a century, before we come upon an other tolen adviting to our knowledge of the takent" top In dighoir, anyhow, its a fact,

Vi yile of Stare and Rochers. tall (164) 1660 - 1734. " alexaglesties chereis? " it J. J. Beecher Physica butterranea be perstited an Extens is 1703. His waite. The name plelogiston did not get useen, since 19 1697 at least. (16+) ban Kelment - Tyleries - Stabl planded description of the double sendulus swing: 168! " But the penduluse buring back again in the old direction, with a great, when with greater mipetus when Stall put forward are bollrantly warmland the crew that all the chemical events of the hing my all even though they weight Superficially memble, were at The bolom whole different from the channeal changes taking place in the 160 Caboutory ... " acuria kundin

12

This securitive dont is in full adagonin to descerte radional some 10%. To Stall on the contrary a machine was exceed, that which the arrival only was not (/ by). the security stale of is that of wan Kelment will Turo differees only: 1) no intervention forchai E) not the mortal shell of the murvelal mins, but it is helf the murtal principle, spiritual " Wall fundamental pristing is that between living things in and more ling things. Their is a peal good forcer. y De mixti et ivos corporios vea divernatate

1

The living but, has, in all change, an volan.

Freal existence. 169. (" Heri present ...

Whis of a thing exembally destroited to by which its destruction through its own activity is presented is exactly that with the which they the comment by the comment work, is tal. " I be a comment with the

Brestare: Chemie 1781 Di modernen chees Inrene in Bankies Valentinia genai, beichriebe (23 / Lei Morethen: allo autrino = getrains, was dres Jainfliche Checciation has nachmashten .-Couper Carpin au u tervant du l'é Argent l'emporta vos tous les Scola tiques 24 Inacolus is Opinion 26 " craignost l'openin comme une drape fronte au quatrière dégre (26) les médicais de ce levers. Galien et Avicenne Crule 23. Mappounte lone 26 Van Helment zg 1177-1694 Après ene Sylvius, Otto Pachen et rende la makerin , absolument dependante de la Bretigie: 32. Lit when & - standard I Calie water allow the banche, and (3) J. Becher: Melallurgia Recher ; 1660 Metalli giken

15

Banking Vacantines, 1694. Tavacalain.

Did Annecet de Chereni auf lentqui v. Mysig Van Velenat, Byle ni rais sendi certa, De an Bohn, 1696 leippij Cox & Slave Hombry Seyfroy & Leenery, George Print Stake (1) 1327 Niverney, El principalement le varant trodeis à Ropenance, dans les Observationnein et 1722 Male. Cel habile homen ite..."

Elements de chemin partis secundo. 75.

Le Marcier (hij apent) nis, gorigne

il siri d'un tradiere brei differente "be,

Ancrein le premient pour unitar "136,

Anti- alebyment cire regions, curi

l'or n'el matris element pour unit

V Sur le metara : , & On peut done remaine ces mitana dan laws Elevent , que diferent en nihr el en nombre, dans le divers mights on its so Howent " 49. 57 Les vels sous des Elements. ! In accordance were not have lie Carelliner 3 Elemente behallen mis las este (due de de la l'heiros les meleda cingocité. Ken cuis abult clemes, news, 3 nevetter regulated reggers formered et : Koren, hooling, anfall Constigui, arrein, kais, 246. 55-59 Les april annians in particle are 4 digle, Bile, ile. (81) heuri heurs wir besequipocraide. Ruge de theile : Generality Tolang.

Olse Elemente rend beine mi plysitale de laning (Seprit Reeleer (alche, aust) ill censis as so a vaper Fu colla Erent: Les aucien, out memé la parhene de l'Esprit Vecter : 13/8200 des Corps securial de l'exercia (88) CM dans, I Hule qu'elle il venferné, de exporter 1 (89) In de Natigoranite die Chemi Vas expudrate fait de apermients. Luc Dunge suit ause du Radence de Mercie. I) Die penguing der Same und of der augen de Korger, de urspringlike (95)!) , So kenter die piece Nacos ci der Physis Saif die Chemin errent werden, are s R. Soyle weit weit appearen hope

Dri hediziel genent Phys. rly 15 chero de Cheren conflorat Lie alan: elles die historique de Kitz cur humande (1) Maris le Metze Le Chemie ni de Phiosologie (hie heetze pranet) " He fie hat die organishen perake auf he blemente zumies :

fichen lanen auf solt, mans cete Die Lafte Kennendermen lanen. Das pries ind seize Wikage ale.

Munsbecut cheminke Auffange nicht Arnylig Phymologie midelijt ding Proylig Proply Rofmann, Hornberg ale.

Sie allein prinipp ade unel, wie die Ceif stine die micht zie einerlae und hur die weienigten haden und komme sie hervoorwogen. (M)!

9)!! Dan hi die Safie beenventeraun in (huncorus pathologie die intervisible)
acreté dans notre comps as que gabins Behantelt, etc.) Lian

hope (hours) a Keep willy vider, wegen iter carries Tentis & healadis de, os, Geneviers Probles ion Phys habite augus be bedacening (Toka main). Alewanting movie Herey was vager sout fail det perie vege de vitate Reitge (ioi) Mais surfant "Theopris eral : chowever, 100 Braplus; je n'avouce rie d'atrice, endiant, qu'alle um ouregue très exactement les divers certires que mus devous surve peur ceravitre, per les dépèrers superptons de la rualari, ce qu'el fautfaire, el sues moyens il fant en orly a pour enperme la vie du marale, et pour lui rentre la santé, pour de la vouve du mal 2 le cual interne, on pour le course, (11-102)

20

Soyle (the treats & Seco: alper ces desagrants homens est el recensis de cele Lauties? " az . La alieni dan la mentraine l'Esperate de Minulescrift inf velot of auguryty. Checeus hihe, hot aly ellethyumen in pe angle weller cheeve kennen die Chewler aretyris aesachures : Bola Afferdam , It me law joindon fris François de le Bre Sylvins ui Mes Ta chewin pare que par cen alla cheverel Excessif a per ravormatto per la Cheques , ils word por coule la Sugarder concere cubordonne à la Multerie , 103 Comme to Madrine Roger Brew my autenide. thei grand poits cutie le mage ste les Vartelunts auntete much anjeguraped (High) " I Muste bryle 130 el perous

U

le désaisus descent. (d'addyunts) que arent cramere pleas à femble native els comes que acent explique plus clave mont & changement, geich and capedle, de protuire, que ceux qu'en morme alelymites "133, " Lein on peut line, que les Alchymists en baile paire ! le la Physique une decesice telle que la unharlament l'alliste Charelle Decy Experimental union last (in freuely jus opelie lathoris Loter mit auchening for bre alelyminten. - Harjande Sheary dire Generationslatere Dif Sate : 133-142 Ube lie Vierre: pluer plate: (let hirste acht is a Cufridhister popule!!) 11 Remarquines sentement seccere que nous as devous ja peure à delermine fringer 'in la forces de la Montine D'élentent

La creduleli et le duite à se bores (cre) Interment on employent is Chamble: Laper 143) de llements de feir se prome deux la vide de Fornicelle: 125 ?! Anfances philage lafter ? Rebal Book, que receble ite de pour l'avancement de la slyngue capemientale, in 192 dans mil La Ranfaction des Corps, Ellete une marque de Fin (wite marquise) NS. Byle Medicula Hydroctatica " is Coheran recal evert governmen. 16! Prost ser Meines are, day die Medelate. Revery ur tite he theme acestway behas die folge de fichers, ante: Folgen & fener 163 of Le Froid, her liquel in entered !! l'ébence du ten " 165 frings in lefour do to hote

27

Cobarin administeline, gave platele Trape mit herrshelf des ens Keine absolute halle 11 workermen. 166 - 184. Horfurisen -Maffliche tellatterelining! Emi ali Kalle Kalle vir ciuraing from blade 109 Vouro lividete the the hi mid mende: 170 Royle, cuarrole etc. plys. Urriche 175 Allohol divited Idente and as. fruit nie bewohalt, sale in enge Orudlahin die Alle leven lor hir da, da, I wie Hut en Grethahin her worm for weis, by welers deing he Kalathin de Alenen et ... 11 ... chagampen Ensement pourse lan be and takins " ta dom. (86.) 4 Micenyantle Newton ... " 41

la trace es es la ferie e de ferie

Cola une pode a croire que la dirección de la pentida la fen mecus considere la lacion d'aucun considere con
Contre avec lui, para libroment das, tents les parties de l'epace, un se su surent de l'epace, un se su surent de ses effets comment l'apparence de, l'es es es effets comment l'est per aucun de ses effets comment l'est point maisent de montre qu'el maine Conhunctement vaisementable qu'el maine Conhunctement du nouveau per, '

[19]

Tre grænde defprense entre La Lenivie et le Fea (25) La Graisté; cause breis deffrente de, For et da homaire et qui rien dépres d wiren en ancien façon ... 1242 En rammenfaming (302)

Borchaot : Thyoistopie tuizo Alenii de God de Thyo. i . aced. 9-15 De Qu's Loupeunen: Cartenave. et. 14. Kla migisterche kg. dereis chele 15. Mulaplegrit (Bu'sche, ale mylesteropleris surplementers, vellotte chranky 19-20) Aus hat he zie that augaporeet. a Albely . dr. letyle lina ce (20) Halley laked Stallad: deve die Sealer . theoni gett de lace walt dagie (20) a -.. Phyowlyie: gleightenbeul und Okumenie de, wace elecien korpers o. and would die letre vou petrant de le le le rei veic. Thyrolinge general. Her haturals, val ver secure dem haberen platholypie winde general! He practe valuram val contra ea a. S. res praelerialistes Di Lemilopie houvellate clie un la res hou noterals

Vanishtasacentreity & up South in Santing

Trad Emai plypique su l'économie dus male.

Discours sur le théorie et huis 1235 mg
Gespensal un Pheirie à Fraixis

Le sont en tout leurs merais en vais livre vine quert pospismelle Contrui.

ple . S. II. Siehe : Théorie au brasis de feil be, Toste, l'apel ele

clinique, (S. II)

Trois sure d'experence et de théme

1. Merrie expensive : Phemie hist. 7. Mr.

3 à hologique on celu per empleue le

puichamine M emps françain, qui rechence les causente, malaris,

no der nadanal

I say yet read rouse de l'ophable de raily, que les audicatins ou l'état prédent de la machine deraisée, qui règle seem le leurs et la circu. stains, I abreven booking its severy que dornent etre muit en unge les le avres d'eure malati : S.M. (theologie ored die weit befant. here dan, B.- R. time. 24) a plee as out delermin a faire y de univeles recleves (???) mer la plus que en corps humain san E malule, "a compre enter un traite su l'ecenonie assiveale, fine va centri le, niques d'un premion et un autre ouvrage qui le Dlush surve inmediatement, sons le the de l'ast de quirrois pa la taignée W

on l'an coaceine le cour et le egets de principair de augements, aux queles notre une chine et contrut de. ment acquiree, and la unduaking gi' in pant tire de on derangements name pour y remodie! J. In his (Horan klaa) has ex tente theologie untand blenstet die C.A. y dies weitrendende hyramen derig locker. 3/ Michlacheit Leing Rahmens is senier wesharde het ju weit referrite kept. (In the TV an Trees & Alde g. p. l. s. - Onken . Che. I will mu mjet në raile et ni abstin s Jefiell de Muraile ses Tribulo Lyningen etc. Esperit sing XXII 4.XXII

dan his saist. Valinumices ulefter feweret 3 experience of observation exacts IX après une chisipie amnih sante, les missais di disconde xi (la sonda xi 6) maladis missais c) pharmalof, XXI. 3) exp. gowette de tentes a, tod og « vulnimaires infaction de Seurie xu XVII ber prices seignant localement (Kepp) prople hos port here XVIII 3. hg. generles et la cerème eleve que la théorie du troiscere depré : mis Regtes her serve pour celle - ci: 1) heir depper au del à de l'exp. Sylvin: alid. wifeen XXVI héromes de préme manague!, le fermentation el le coaquilateins, la torte. hatin, la Cenjación, el l'autocratie ete xxx 2) xxx charter by himites a/ fermentation

law lin dawith. Valerium 20 Marghotelie XXX VII meles A Pohpharmagnes UV Oreface 1793. la gratique in la Thernie l'obsendair et la plusique expirmientele quality recritis (dehou) Runtive ets 1 thenahin at 1 experience gary anobe nomen blater from their citye. na friede war dot Spelulation mid before general hugirie gement sind watte cine Coppete dapase lines, I dan die emple hop ne wit purie, morem de Therie way re; y dans di Thevire den emprimile printage haben maine, de abre met de luquire de trace sin! Vermeity von prei problemen !

die mit spekulei, sudem en pro appromisele sui enrie

161 die medignish pundise Hotel und cerpiriseus

The Profese it di enterlighelist, ale die Spein des auchen brothers, mit in la Frage.

Michely Mifriely de latteur.

Die verheit my die Ander wurde Enfalog zur

med. Theorie mid zur Theire die aus du

Sofely andre peliete Thys. Un. Ch. Phys.

georges mis? VIII che für Notumerieur laft

25 anné. (XII.) Sake A. a Halle.

hydenham kaim genamed XLTKINI S. pract. Keple neolig Suburt, gios drecele blaky: 1) rentainaler Brand (wedgeen 2) eigener hopety Knains 3) priphende (raxis " " le commander gris formente Theme It la Medeine maisent de gnatre source arruigale s; for soul la Phyrique, La llymie I duatomie & l'exercice de la unexecure . KXXVI. acineliene is antygentille in Rejecutes, falen und Brehave aller ander (die lescheleller (4TV)) Drevlei Theoni of nativile that of hysteine hypothes Ti Total heuten LXIV ate! \$1X 3) exprence Harre fruite Zxx gran lugirhe (LXXVIII), Naturalistides Revner LXXIII

V few de humans my son 20. La theine experimentale LAXIX , Reminted centre l'ordre material " de Meourris and fracere, ite: ET Mairie etc: On s'Adequite de la Theone Experimentale. Les Mortine so sent lives a de vais yotens plus unisello enve que la decramant avengle de leccions à la voline de leurs waites " (ri Pair Vahalleringe Norchere . Lever welly! Have Harrien very Cev. Vign: exercise!) contre themis (cx) Experience and Lowerin Cx1 Mejornate: dans un espece de decri! Aid. 1755 T.I.
V. : Borhane. 159-175. 1 maile que.

De la Megrie, ha de M. Borhane. the somecland Autopelintative Thatake whole Ishow it Enleits [Hami's Papristipe in Padholy in wender the

V seis de humans Appison 20.

The number: the dystemather (3i thing)

" Ende kepitel grossissie housege de movemen Hunwalpuskologie 1-20. a a bullacour or of opening 117 anny Menie beganned with the popular to sen! hires a de veni rotino plu uninote curere musto decreixple instrudy decion of the samones (Hage trace 1) 1) Remarque, mer l'houge de Bornations
youte Gat He do Trepan auportes
131, - este ! Methodologie: senie Cardrachaf! the Evening of Surgeline The Feeter when them to him thein's Agentin a Palling want so see (23) and lacked the

Vie ger undete fragen: 1) emporisherine the Signis weed winewstaff the Min 2) he de win. Medyri. rationalit. Mill at emp. Will 3) Vehelleis de Medig. bis . zi den andere Naturais. 4) Die Arland Weis de Auwendy In I Hauphachlid des einte Kehamlett, wober die Nomentelater do schwambend ist, dans chilogie bullales be lettet recal to neterbei and (XXX "XXX") w= 3 mind L behandell mit (XXVI - XXXI) II. Kauptrichlif das 2 behautelt is. Ju vis synthetichentinen, federal l'observation et le plunque expermentate, obesche pratique l'observation et l'experence. III. fell air wow 3. problem. (enternal Claser sofort clive 3.) wober aber das 1. (jell exercice!) met des preite den kanget-Is int say duringeabile, meditals sense Kurtinetrinen erispepitut Booken; selv gut et die widerligung der Ruginie mittels Shewhesthewhite Mutenching rund die Willentih des Kritischen Natur wir en -

1 waster -

- I) problem fred thereto the rigin
- I) spekulaline methode oder empiriones ni (ret. Systems) de men' jui men unimentage
- II) hederic wied Vatururisewelefter
 - I.) Nomentelative experience et theorie, dern Arche Shife (étrologie) er so fairt, dans sie will bless die gen. Med. Wiri, sindere sugar & seine E. A. winford.
 - (3 st) Jus compinishen three contents die gleifbetendens it mit de (3 st) der Heine,

 da die mider en production die
 - (chias zirichen de Esfeloz mid den proinceptes (defines, speculation, retrivali salin) (squide, it)