Early Excersies in Latin and Mathematics

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My first Locases, On Widowood

Interea Derry Downes denuntia hornola multo Galtonis un scholam qua semper Harthy gubernat Non ego scribere aufant sapienter event ne Ledsi cum illis muserabite audio sonum Vicinis schola subertain much fuellarum Atque homines cocabam sunfier speculandique causa Ut me discrunt galiquam sit male mora toin Ledebans mino schola videri and fenestram ded more proper cos son outfrain invenio poffun At mihi wou objex quia poffum pingeredeulfias Fingere fudet mille nou, art muc dogueta vers Sedebam mune schola videre junta puestram Dixero funuféram fumosum utque caminum to mone incedam quitous increpe re quilem Fumoramat potesto non mutato efse camino System non habeo ya ltoneur increpere causain Diverononalizoutquanquam odi junta el odi



Francis Gallos 26 Tax. 1835

Interia Derry Downes dementiat horrida multa Gallonis in scholam, qua set war Hartle, gas Lie ait non sinam leberos parochia noctos Tie harochice noctos fraction non legere possent None eg sorible aut sapientes files unite feint ded six mune illes miser abile andré somme Mung fuellarum scholor vicinis illud dirum subver What sure diversion alignam se for sobuit made mor schola moleri ante fenestram Contra ferri His mit from en culpain in verio possum At mihi nonabjen busic popum fingere Fingere fudet mihi non avs mme cognita ses Dixero non aliquet quamquam and ach us que etermin D'excero firmiforim fumosum utothe camine camin Ac mine juxolam galtonem uncrepere scholam Furnosam fortest now mentito esse camero getur hon habes yattenen increper sausan

Francis Galha found in his hoom 26 Pan 7 1835_

f. 3r Let. 1 =

hand Galler Decem 1/836

Amogeneous Lodarto In algebra the dimension of any gly is its cinder thus a , a , a 3 - a are of 12,3, Ih dienening He time of a product is the sum of the dimensions of the forest fact then a b about a 36 2 a le luch are of 2 3 b, but h +/ dimension The disse of a quatient is dein haf humerator the fine " fourm then of a 6 de 605 Tuck are 1 1, 4, 0, -3 9 he-n-f. him is alfebraic quantities ere find to be homogenous when their dimis are the some this a 3 a b, a for 63 use lovery so being of 3 drive the hor of things of products of 2 diese who can be formed of (h) thurs is har har For suppose the a guanties to be a, b, c, 0, 2/---Let so gurn y bexty into four of that gly tall the just the oper will her fallows A(L+ L+ 6+C+-- +6 By this process we then 6(6+2+6+0--+6 have he sows and be to protest. E(C+&+6+C--+6 of 2 dimention in their will be h- h+i product 6/6+a+6+c-- +6) But a will occur twice he the first line I will hot appear in xing other at withour me in line beginning with at one in begins boile (b) I is no other & sign I with all the other House the as of houng proft in ye for is his The us of home of prod of 3 dimes who can be formed of things is h. htt. htz. 70 (Farm Der

let such homes part of 2 times has x tier by sum of the Eques who form that prost togs with from if who the guas the few will be as follows aa(a+a+b+c+d---+6 abla+6+a+6+c+d--+6 aclate +a+b+c+d,-+6) 60(6+c+a+6+c+6-+6) or by Ading like glas 11 (3a+6+c+--- 6) le de We shall have : hout rows 9 2+2 prods of 3 rims in sa zaro .. the whole us of words But such product is found 3 times Exactly for Every peros is of the form a 3, a to rake I a 3 nours 3 a the first line & acon again The some would take love in way ofther her ast Home the he spirot of 3 himb = 5 ho of foros his The hor of pros of a dimon wh can be found. her quation h. h+1. h+2 -- h+2-1 h+2-1 Suppose it time the thear of prosts of 2-1 forms dient which can be formed of the gains is . h. L+1. her. her - h+2-12 Let so pourts of 2 -1 dim! he x les into the Sha of the 2-1 quas wh form that from softher with all the guas

By this process we shall have 4. 4-1.4-1-4+2-1 rows in containing her +1 fronts: the whole ho of parts with he h. her . her ... Ler-2. her hon sa fthe protts for dimens will be of the form a about -- - lx where a + 5 + x - +x This wordt will appear & times in the line a x-1/6cx - 6 / a-1.2+ 5.6+ cy + -.. x.6 + 6+6+0+---+6) & Stille in line a a 6 5-1 4 - 62 x a + 5=1.6+ ye + -- x6 + 4+6+0+--+ 49 2/ -2 2 it is moreover son dent that a lock - LA will not be found in any row of wh the profine factor contains powers of a , b, c & Q-+ /5-1 X-1 X it appears that in the oper a Early fector is referred : the no of prods of him to = } ho of prosti a the ofunt = h. h=1. h=2-. h+k-2. h+k-1 House if y E thereen be true for hand if the direce it is absolve for proviti of & dienes But it has been shown to be him for 2 & I dian : it is time for 4 & 5 & to the for day value fk

Homogeneous Products