evident by her Declaration on her Death Bed) married and brought forth a Boy in the Two and Fiftieth Year of her Age, having Two Teeth in his Head.

10. Another Woman in *Lewis*, was Seven Years bringing forth a Child Bone after Bone, and all by the Fundament.

11. A Boy in the Isle of *Skie*, Aged Sixteen Years, has a Faculty of erecting his Ears at his Pleasure. There are several Towns in *Skie*, where the Sheep have no Marrow, all these Towns are Rocky, High, and very Windy.

12. The Inhabitants of St. *Kilda*, are every Summer infected with a Cough upon the Chamberlans Landing, which lasts for Ten or Twelve Days, and the usual Remedy for it is Giben drunk upon Brochan of Meal and Water. This Giben is the Fat of Sea Fowls preserved in the Stomach, a sove-raign Remedy for Coughs and Green Wounds.

VII. *A Letter of Dr.* Wallis, *Dated* Oxford, Sept. 6. 1697. *Containing some Additions to his Letter about Thunder and Lightning, and a Correction of his* 109th Cap. *of his Algebra.*

I Find that in your Transactions *Numb.* 231. for the Month of *August*, you have Printed my Letter of *July* 26. If it had not been too late, I would have added, That, when I said, *A Mixture of Sulphur and Filings*

lings of Steel, with the admiſſion of a little Water, will not only cauſe a great Efferveſcence, but will of it ſelf break forth into an actual Fire; I ſaid expreſly, *a little Water*; becauſe *too much Water* will hinder the Operation, or quench the Fire. Which I take to be the Caſe of the *Bath-Waters*, where *Steel and Sulphur* cauſe a great Efferveſcence, but no Flame. And the like of other Hot Springs. And I do not confine it to this particular Mixture; for the Chymiſts, I preſume, may furniſh us with divers others. And therefore I ſaid, *or ſomewhat equivalent*. But I gave Inſtance of this for one.

I would have added alſo, That the ſame Account may be given of *Ætna* (and other burning Mountains;) where the Mixture of Steel and Sulphur may give a Flame; which is oft attended with prodigious Exploſions (and Earth-quakes) from great Quantities of Niter, as in ſpringing a *Mine*.

I ſhall alſo take this Occaſion to rectify ſome Numbers which I find to have been miſtaken in my Treatiſe of *Algebra*, at *Cap.* 109. which though they do not vitiate the Demonſtration (which will hold as well when theſe be rectified) yet I think fit to correct them, that they may not give the Reader a trouble.

In Algebræ meæ Cap. CIX. *irrepſerunt Numeri vitioſi. Qui quamvis ſummam Demonſtrationis non evertant, ſunt tam rectificandii. Propoſitum eſt, Datum Cubum (cujus latus ponatur* $=1$,*) ita perforare, ut Cubus alter, ſoſi æqualis, per foramen tranſeat. Quod cum pluribus m dis fieri poſſit, hunc ſelegis. Intelligatur Cubus perfora lus, Sphæræ inſcriptus; Cujus itaq; Diameter ſeu Ax: erit (æqualis Diagonio Cubi)* $=\sqrt{3}$. *Cujus Polos occupent Cubi Angulus A, & huic oppoſitus latens. Reliquiq; ſex*
<div align="right">*Anguli*</div>

Anguli B C D E F G, *in planum per Centrum* (*Axi ad Angulos rectos*) *projiciantur. Non quod illi omnes sint in eodem plano; sed B D F sunt in plano superiori quod ab A* (*polo proximo*) *distat Axis triente ; reliquiq; C E G, in plano huic parallelo quod tantundem distat ab opposito polo latente. Sed omnes hi Anguli, demissis in planum illud per centrum perpendicularibus projecti, formabunt in illo hexagonum regulare BCDEFG. Cui si intelligatur Circulus circumscriptus ; non erit ille, Circulus Sphæræ maximus* (*quia puncta sic projecta non pertingunt ad extremum ambitum Circuli Sphæræ maximi per centrum ;*) *sed qualis ille est qui per BDF, vel per CEG, transit. Cujus itaq; Diameter est* $=\sqrt{\frac{8}{3}}$. *Et* $PB = \sqrt{\frac{1}{6}}$: *Et* $PG = \sqrt{\frac{1}{2}}$: *Et* $BM = \sqrt{\frac{2}{3}} - \frac{1}{2}$: *Et* $MQ = \sqrt{2} - \frac{1}{2}\sqrt{3}$. *Cum itaq;* $MH = \frac{1}{2} = 0.500$. (*semilatus incumbentis Cubi transituri*) *minus sit quam* $MQ = \sqrt{2} - \frac{1}{2}\sqrt{3} = 0.548 +$; *Manifestum est* (*facto foramine HIKL*) *transire posse cubum incumbentem, perforato æqualem.*

VIII. *Account of Books.* 1. *Refractio solis inoccidui in septentrionalibus oris jussu serenissimi ac potentissimi Principis Caroli* II. *Suecorum, Gothorum, Vandalorum, &c. Monarchæ Clementissimi, circa Solstitium æstivum,* 1695. *aliquot observationibus Astronomicis detecta. Holmiæ in* 4°. *Sweedish and Latin, and now Translated into English, and Printed for* Ed. Castle *next* Scotland-Yard Gate *by* White-Hall, *in* 8°.

IN *Chap.* I. the Author, *J. Bilberg*, gives an Account of the King of *Sweden*'s Observation, which was, that being at *Torneo* in *Westro-Bothnia*, scituated in 65°. 43'. Lat-
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