In continuing the operation, thoſe terms may be ne­glected whoſe dimenſions exceed thoſe of the laſt term to which the root is to be continued.

*II. Of the Method of Series by assuming a Series with unknown Coefficients.*

RULE. Aſſume a ſeries with unknown coefficients to repreſent that required. Let this ſeries be multiplied or involved, according to the nature of the queſtion ;and the quantities of the ſame dimenſion being put equal to each other, the coefficients will be determined; and hence the required ſeries will be known.

III. Oſ the Method of reducing a fractional Quantity into an infinite Series by the Binomial Theorem.

As this method has already been illuſtrated in the article Algebra, we ſhall therefore briefly state the theorem, and add a few examples.

Binomial Theorem.