

§ IV. There are two Kinds of *Infinits*, or *infinitely* great Quantities; one *Relative*, which is only *Infinite*, in respect of another Quantity, infinitely Less: and of these there are Gradations in *infinitum*, each of which, tho' infinitely Little, in themselves, is yet infinitely Great, in respect of those infinitely Less. Thus any right lin'd *Angle*, is *infinite* in respect of the circular *Angle* of *Contact*; And there are other *Curves* in *infinitum*, whose *Angles* of *Contact* are *infinitely* Less, than circular ones, as we shall afterwards demonstrate. Thus in the *Motions* of the *Planets*, the *Centripetal* Force, in *infinitely* small *Portions* of their *Orbits*, is infinitely Little, in respect of the *projectile* Force, or this is infinitely Great, in respect of that. The other *Absolute*, which is *infinite*, in respect of any *finite* Quantity, how great soever: thus the *Space* contain'd between the *Asymptote* of some *Hyperboloids*, and a *Line* parallel thereto, at a *finite* Distance from it, is *infinite* in respect of the *finite* *Space*, of an

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§ IV.

