

The great difference in between mass measurement by gravimetric attraction and by some inertial method is that the first is static and the ~~an~~ an inertial method will require not only movement but acceleration.

~~This latter constraint & Adequate~~
must be provided
Space to achieve such velocity and acceleration then becomes a
an inertial
requirement of ~~the latter~~ method.

It is not surprising then that the ~~early~~ centrifuge was ~~proposed as an~~ method of mass measurement. The difficulty, ~~is that~~ In, addition to requirements for a constant, known

Sci. Am.

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angular velocity