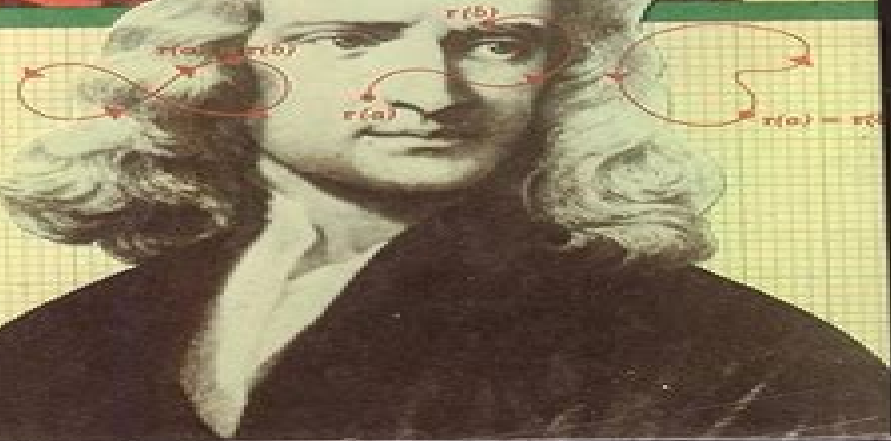
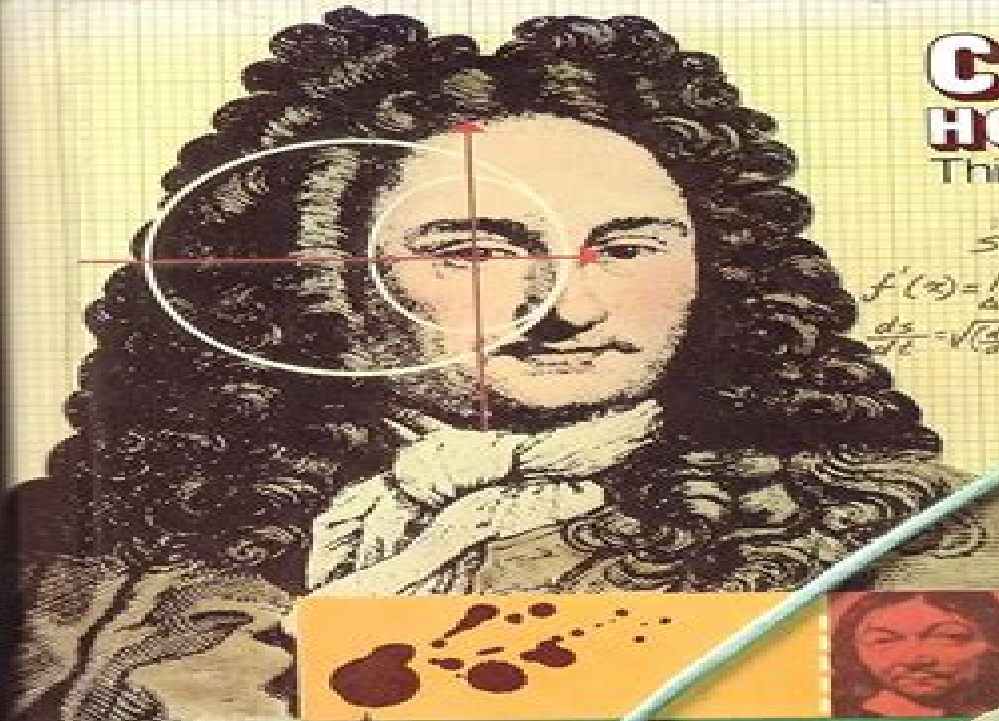


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$$f'(x) = \lim_{\Delta x \rightarrow 0} \frac{f(x + \Delta x) - f(x)}{\Delta x}$$
$$\frac{dz}{dt} = \sqrt{\left(\frac{dx}{dt}\right)^2 + \left(\frac{dy}{dt}\right)^2 + \left(\frac{dz}{dt}\right)^2}$$



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web spinal fusion surgery was originally developed for and continues to be used as a treatment for spinal instability deformities such as scoliosis and kyphosis and traumatic spine fractures however it is now also used to treat a wider range of issues such as degenerative disc disease spondylolisthesis and spinal tumors

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