DEFINITION	
$Method\ of\ Frobenius$	$w(x,r) = (x - x_0) \sum_{n=0}^{\infty} a_n (x - x_0)^n$
Definition	
$Hamiltonian\ operator$	$\hat{\mathbf{H}} = -\frac{\hbar^2}{2m}\nabla^2 + V$