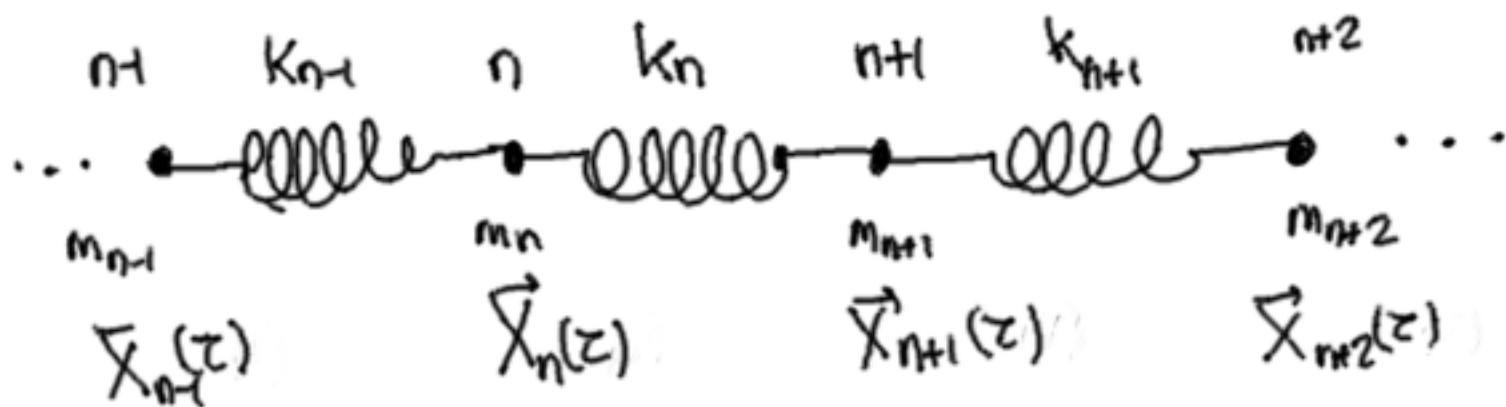


Schematic description of the string



Boundary conditions at $n=0$ and $n=N-1$.