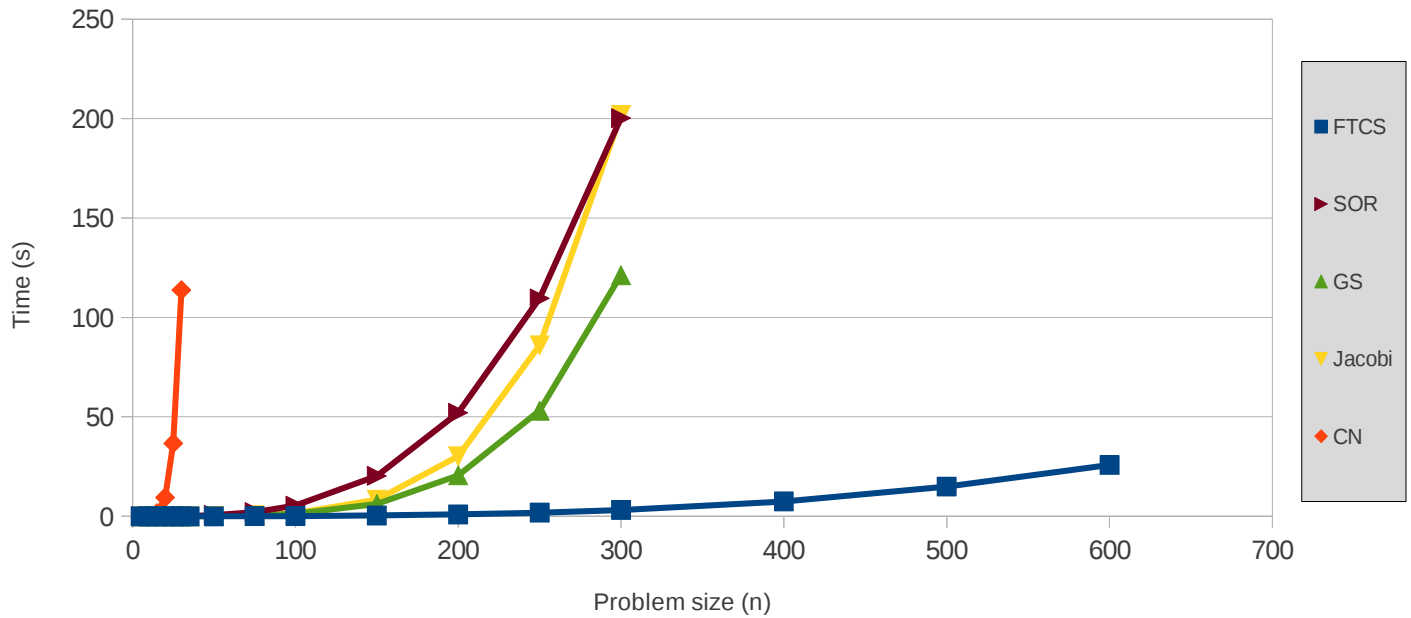


Total Runtime Performance



The above graph shows runtime per algorithmic timestep for a problem size in terms of  $n$ , where  $n$  is the dimension of a cubic matrix (sized  $n \times n \times n$ ). It is based off the below data I gathered from running my code at various problem sizes. All problems were run with the default settings of my program, only changing the problem size.

Note that I ran out of memory for CN after  $n=125$ .