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## mc\_tsitsiklisvanroy\_nd

Input parameters:

- Number of iterations  $N$
- Generator Type
- Increment  $inc$
- Regressor Basis  $basis$
- Dimension Approximation  $dimapprox$
- Number of Exercise Date  $exercise\ date\ number$

Output parameters:

- Price  $P$

### Description:

Computation of Bermudan Option Price with the Tsitsiklis Van Roy algorithm that gives an estimation of an optimal stopping time using regression method. [Tsitsiklis Van Roy Method](#)