

Poisson Equation for Double-gate MOSFET

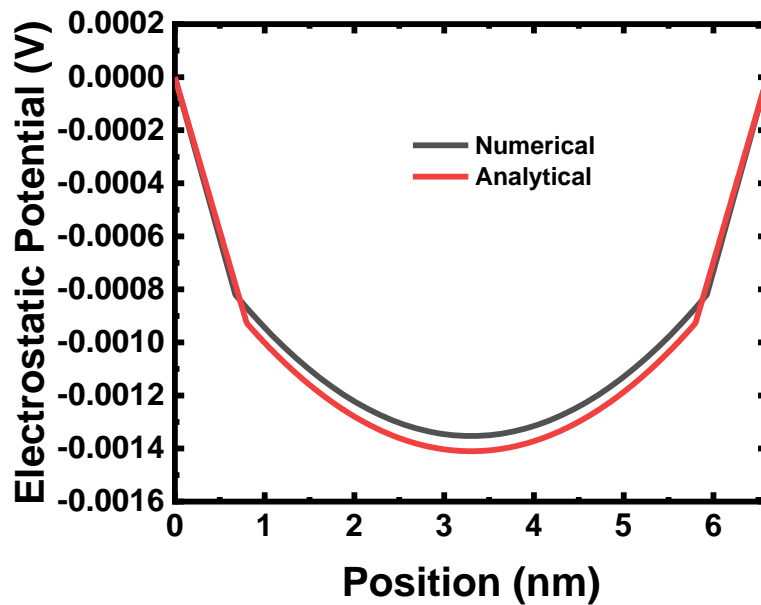
20184002 In Ki Kim

2020.09.20

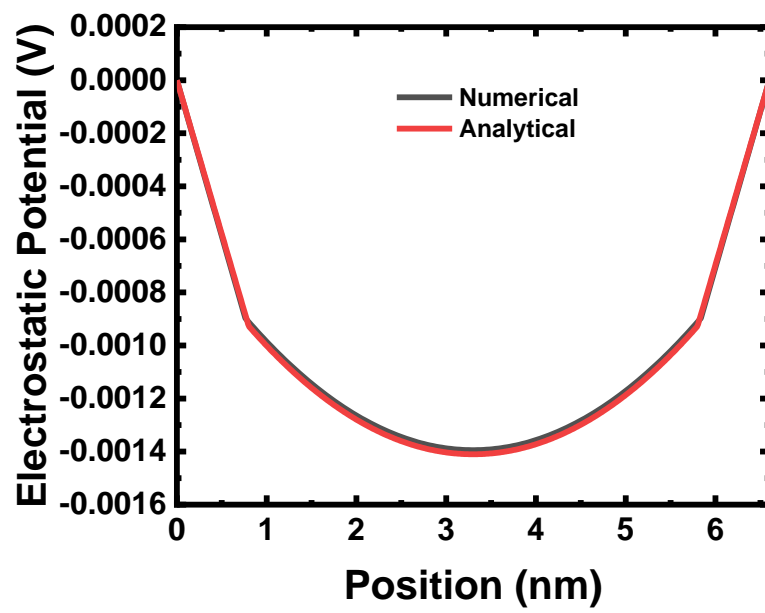
Problem 1

■ $N_{\text{acc}} = 1\text{e}17 / \text{cm}^3$

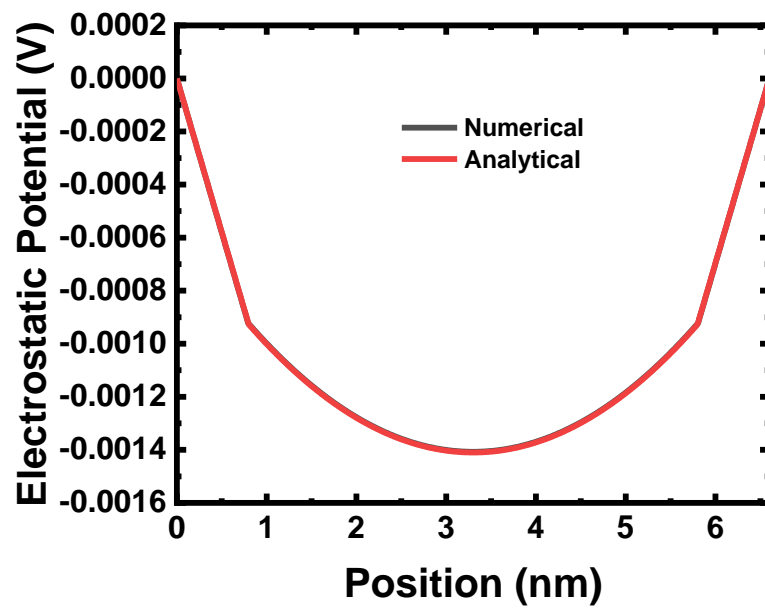
➤ Discretization number $N = 50$



- Discretization number $N = 200$

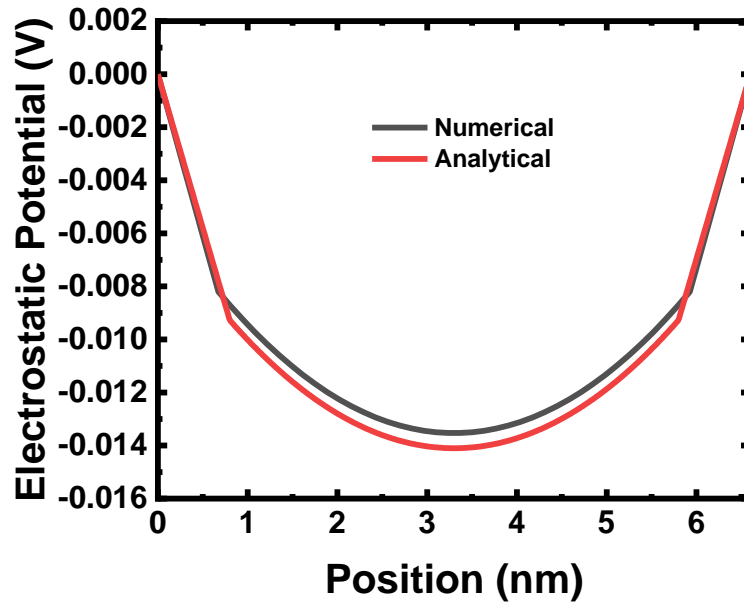


- Discretization number $N = 500$

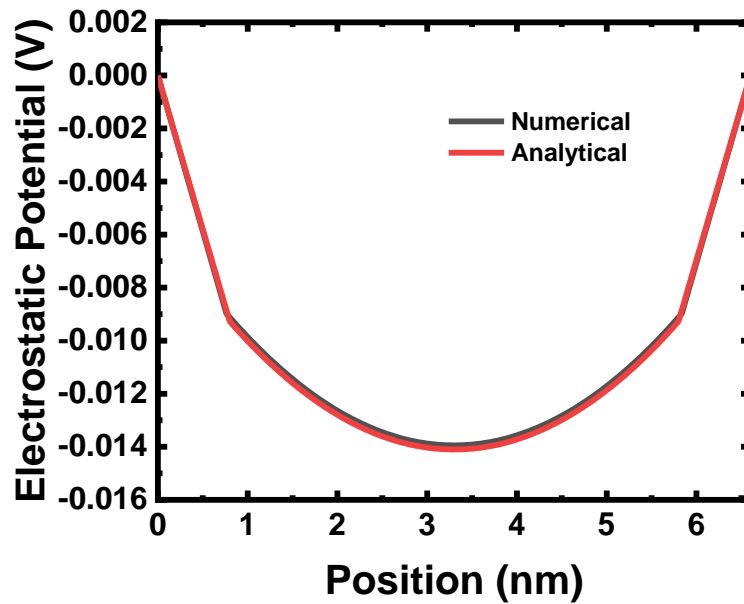


■ $N_{\text{acc}} = 1\text{e}18 / \text{cm}^3$

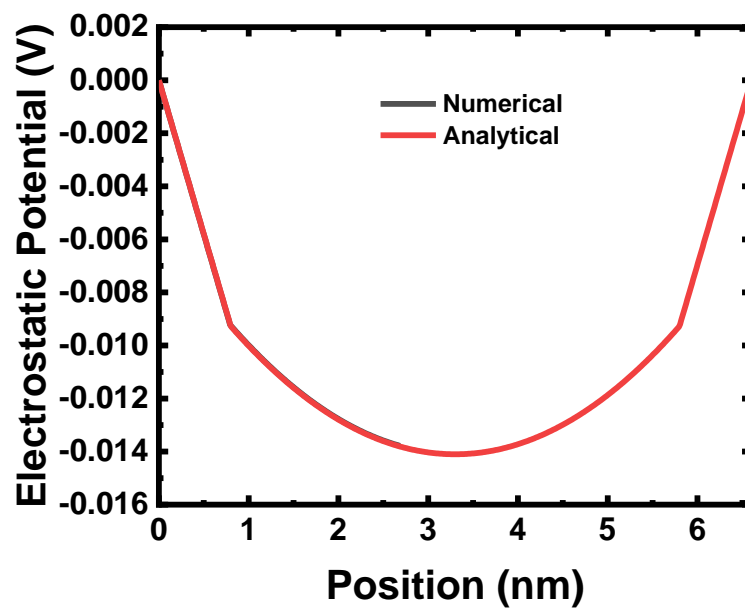
➤ Discretization number $N = 50$



➤ Discretization number $N = 200$

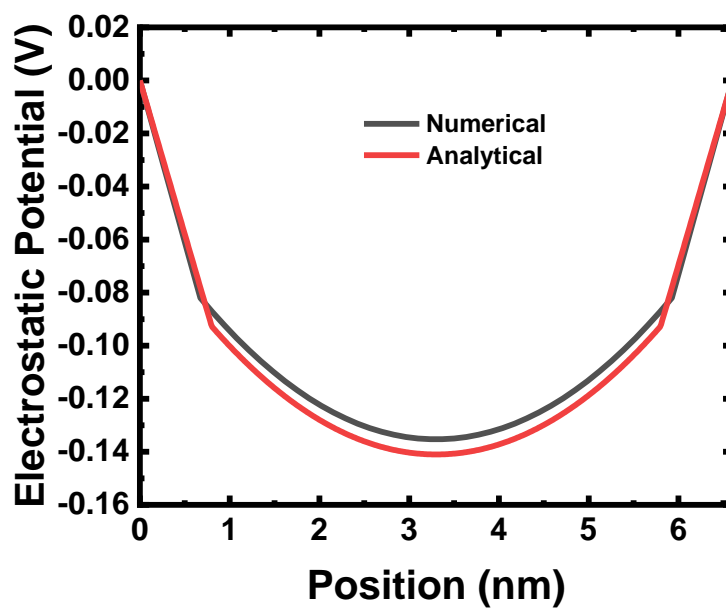


- Discretization number $N = 500$

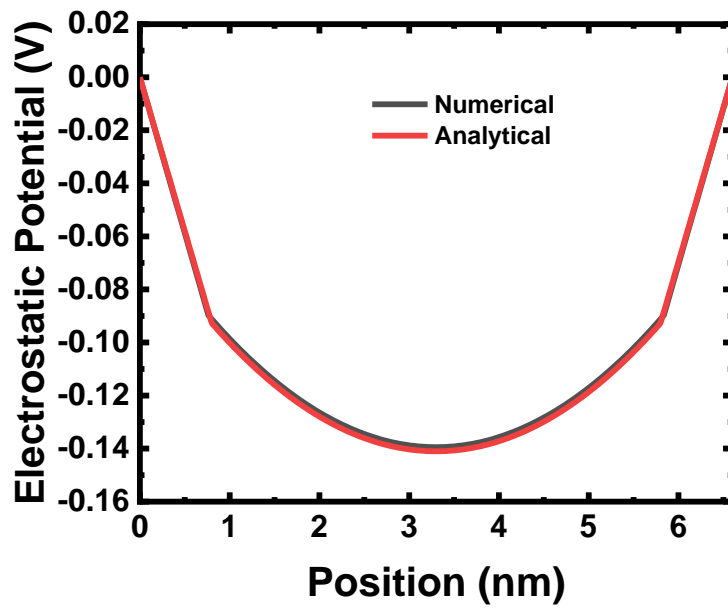


■ $N_{acc} = 1e19 / cm^3$

- Discretization number $N = 50$



- Discretization number $N = 200$



- Discretization number $N = 200$

