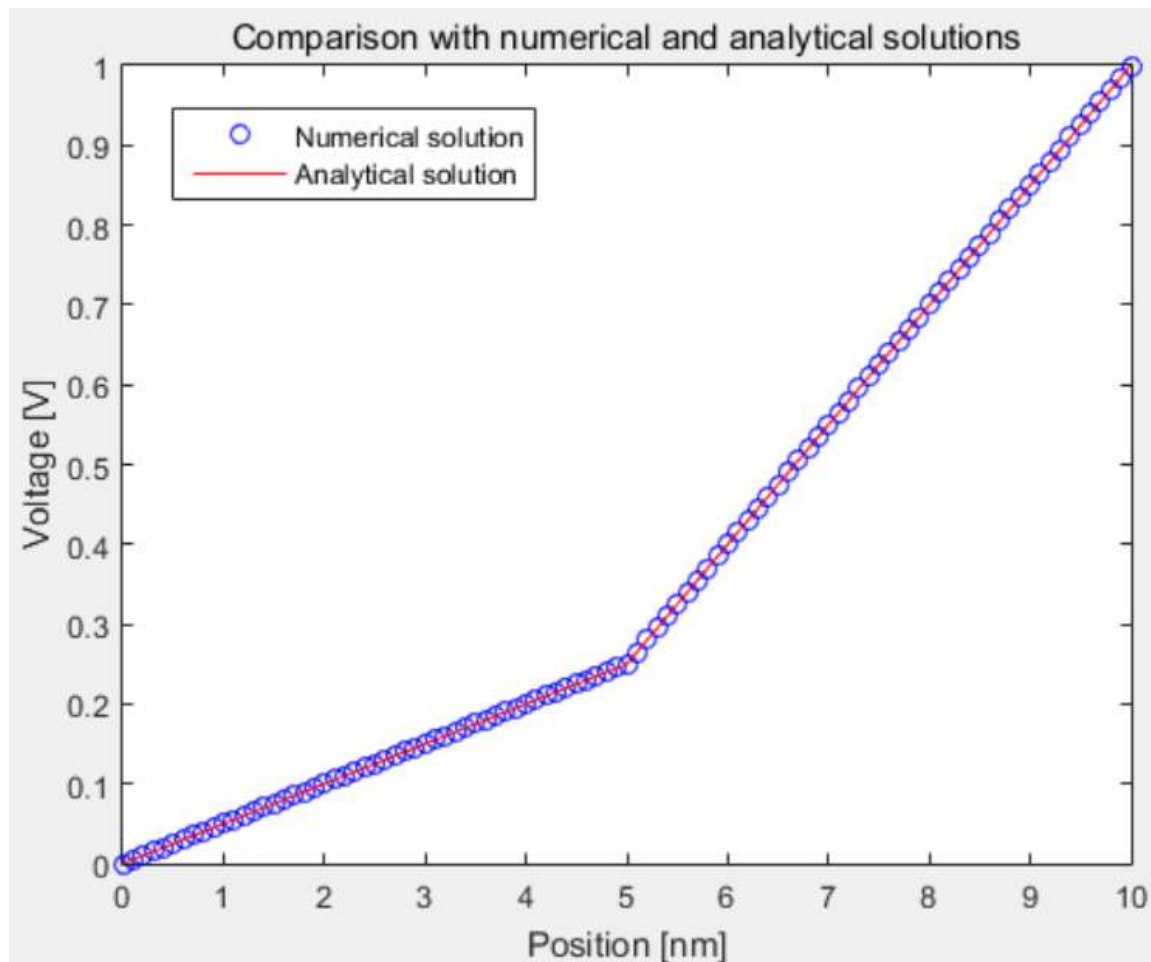


Same geometry with Lecture note :

	$x = 0$	$x = 0.5a$	$x = a$
$\phi(0)$	ϵ_1	ϵ_2	$\phi(a)$
$= 0 \text{ V}$	$= 11.7 \epsilon_0$	$= 3.9 \epsilon_0$	$= 1 \text{ V}$

$$\phi(x) = \frac{x}{2a} \quad \phi(x) = \frac{3x}{2a} - \frac{1}{2}$$



[SRO (20nm)/STO (30 nm)]_{n=4}/SiO₂ (5nm)/Si (10nm) superlattice geometry

