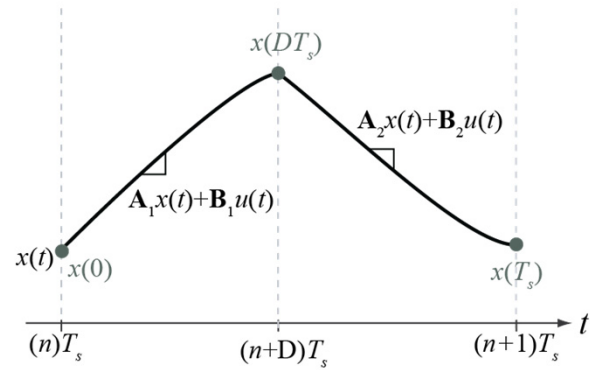
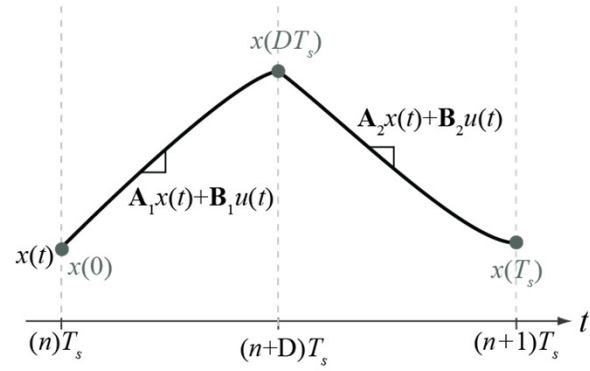


Application to Switching Converters



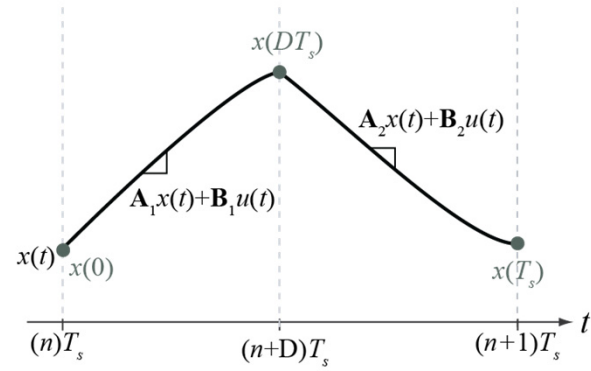
State Space Averaging



Exact Solution

Steady-State Solution

Waveform Reconstruction



Limitations and Discussion

$$\mathbf{X}_0 = \left(I - \prod_{i=k}^0 e^{A_i t_i} \right)^{-1} \sum_{i=1}^k \left(\prod_{j=k}^{i+1} e^{A_j t_j} \right) \mathbf{A}_i^{-1} (e^{A_i t_i} - I) \mathbf{B}_i \mathbf{u}_i$$

