



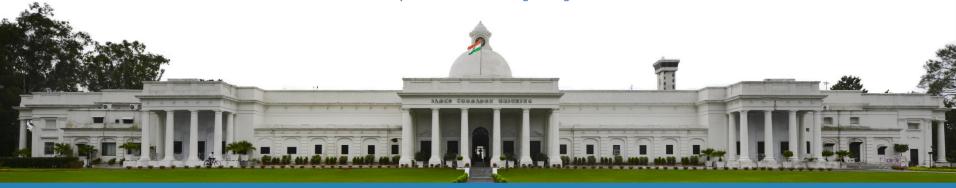


## **Charging Infrastructure**

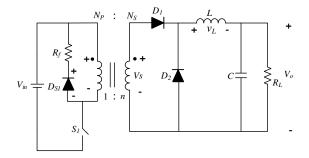
Lecture-32
Revisiting Isolated DC-DC Converters-III

## **Dr. Apurv Kumar Yadav**

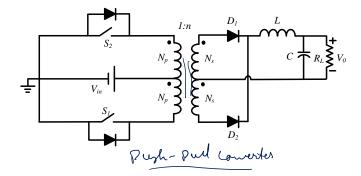
**Department of Electrical Engineering** 



## Recap



- A borward converter with demogratizing winding
- o to Brown

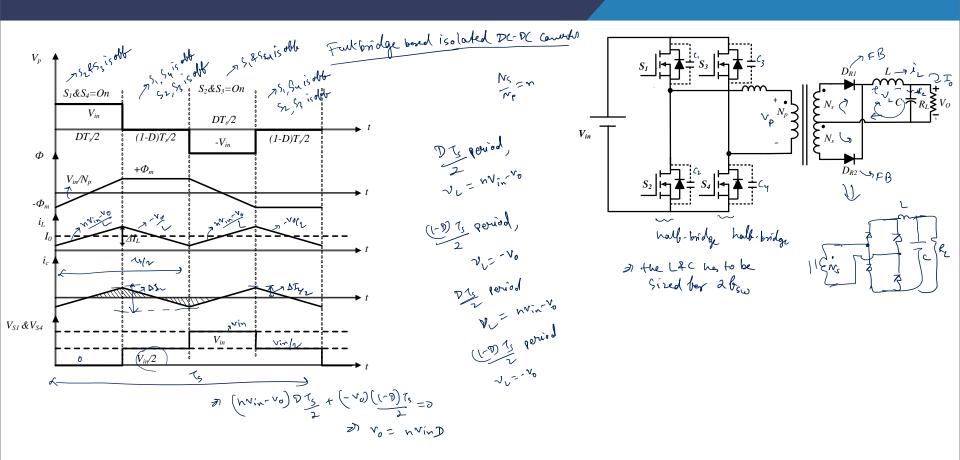


- B man to + B man A sea ob core gets reduced by half













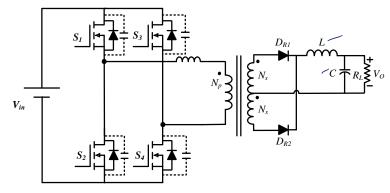


(sing of (c) C. DV = DQ = 1 x DIL x To Con S(265W). DVO By = I Dr. a specification from a derigner chance C7 C; DIL 7 Sto 10% of Is Sizing of 7) ((-D)7 -> V=-V0)  $\left| -V_{0} \right|^{2} \left( \frac{\Delta \lambda_{L}}{\left( 1-D \right) L} \right)$ Depends or output voltage 2'n'

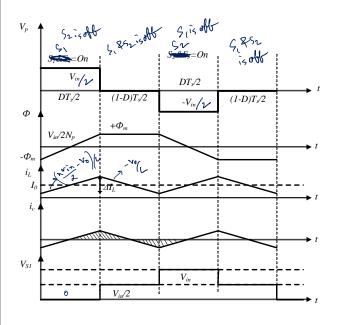
All = NVinD(1-8)

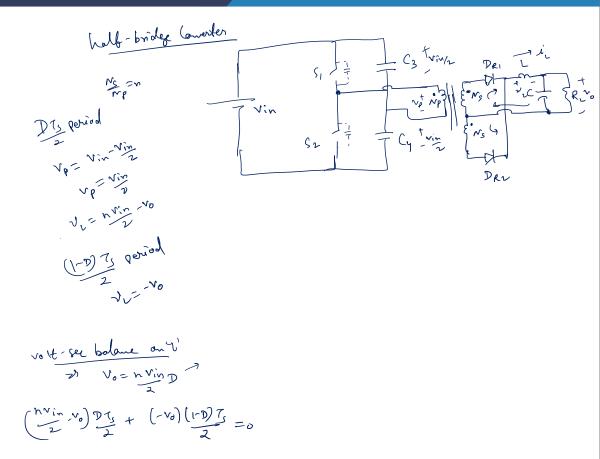
Alegends or output voltage 2'n'

Morie

















## **Thank You**





