**ECCE paper potential references**

[1] J. Wang, Y. Li, and Y. Han, “Evaluation and design for an integrated modular motor drive (IMMD) with GaN devices,” *2013 IEEE Energy Convers. Congr. Expo. ECCE 2013*, no. Immd, pp. 4318–4325, 2013.

Series connected

Active voltage balancer

[1] J. Wang and Y. Han, “A new concept of multilevel converter motor drive with modular design and split winding machine,” in *2014 Power and Energy Conference at Illinois (PECI)*, 2014, pp. 1–6.

Series connected

Balance lazım diyor ama devam etmiyor

dq set değerleri ile oyna

[1] N. R. Brown, T. M. Jahns, and R. D. Lorenz, “Power Converter Design for an Integrated Modular Motor Drive,” *Ind. Appl. Conf. 2007. 42nd IAS Annu. Meet. Conf. Rec. 2007 IEEE*, pp. 1322–1328, 2007.

5 phase-half bridge-common dc link

Two candidate IMMD dc bus architectures:

Inductance distribution figüre

simulation results- comparison of architectures

oscillations

experiment-both

[1] A. Gkountaras, C. Dinca, A. Giedymin, P. Birgel, U. Schaefer, and S. Dieckerhoff, “Low cost integrated motor-controller drive for an electrical active suspension system,” in *2014 16th European Conference on Power Electronics and Applications, EPE-ECCE Europe 2014*, 2014.

power ve communication inductance tan bahsediyor

[1] J. Wang, Y. Li, and Y. Han, “Integrated Modular Motor Drive Design With <roman>GaN</roman> Power <roman>FETs</roman>,” *IEEE Trans. Ind. Appl.*, vol. 51, no. 4, pp. 3198–3207, Jul. 2015.

Loop inductance çıkarmış (power, driver, coupling)

Ron etkisini incelemiş ve Lloop ile Ron’u birlikte düşünmüş (overshoot için)

Interleaving yapmış (seri)