



# Netzregelung mit LED-Lampentreibern

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Zukünftige Stromnetze für Erneuerbare Energien

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*Acknowledgements to:*

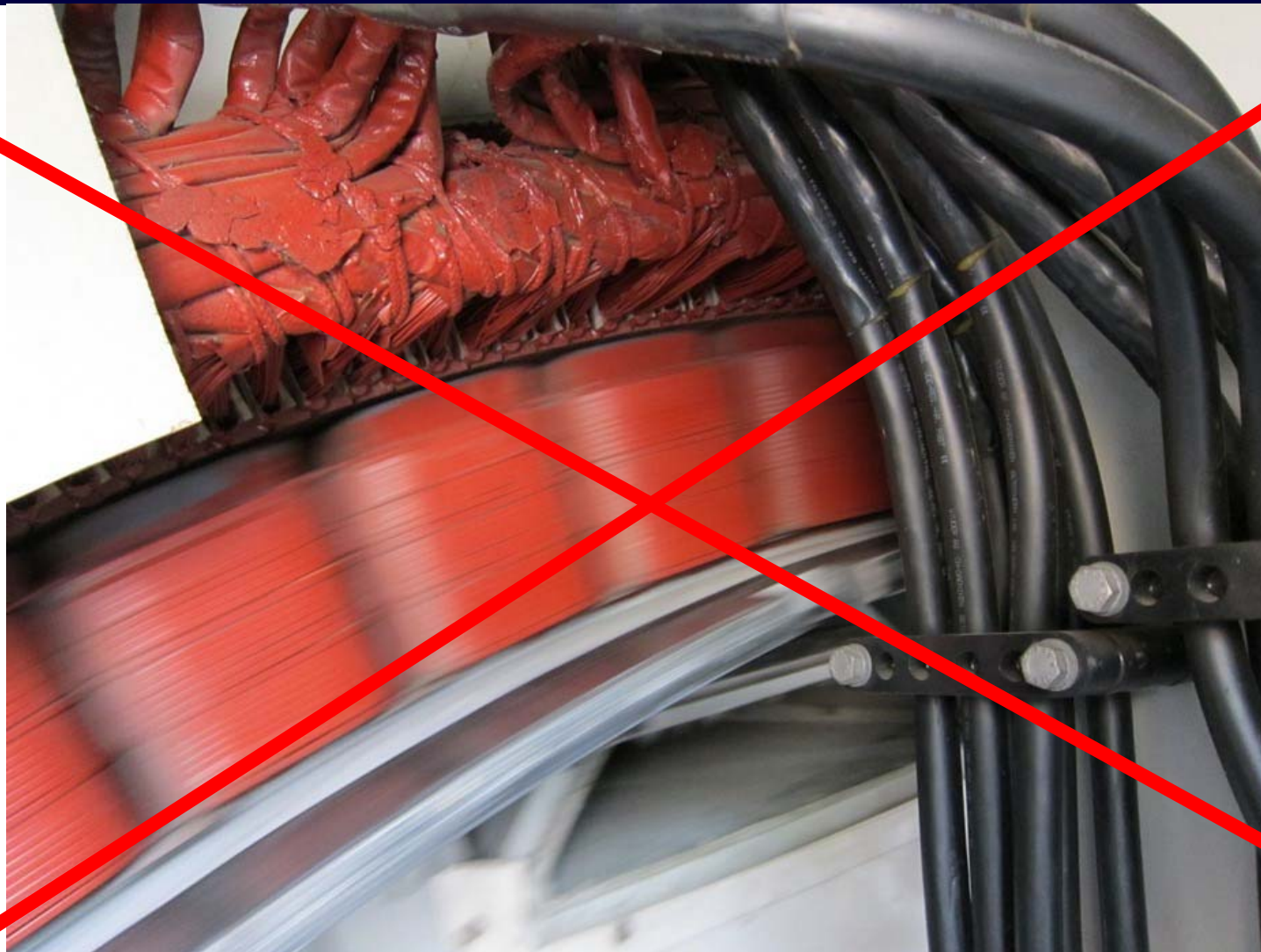
Daniel Wagner, Markus Korbmacher, Bente Muhr, Sonny Glesmann and Nora Kovacs.

*Related to:*

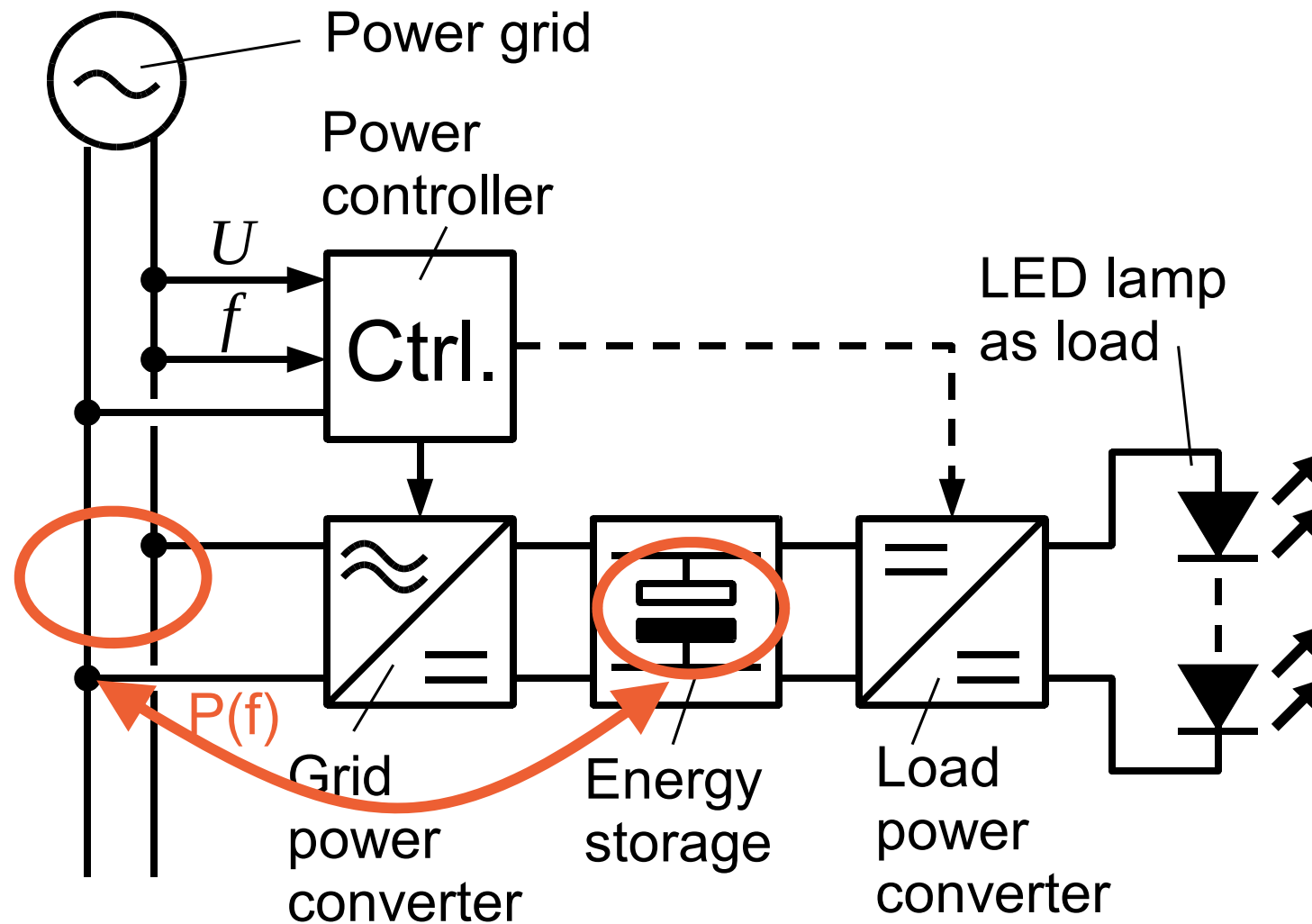
Hong Kong Research Grants Council, project reference T22-715/12-N.



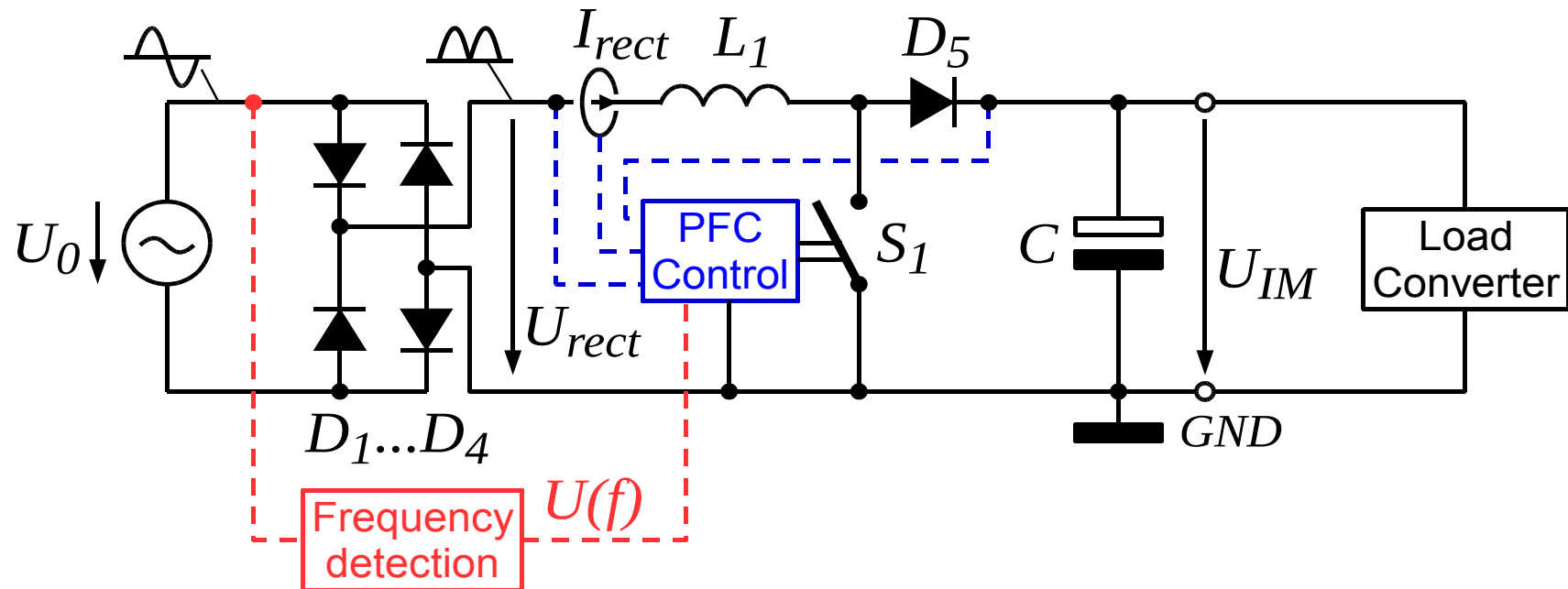
# Rotierende Massen fallen weg



# Topologie für Virtuelle Inertia



# Regelprinzip



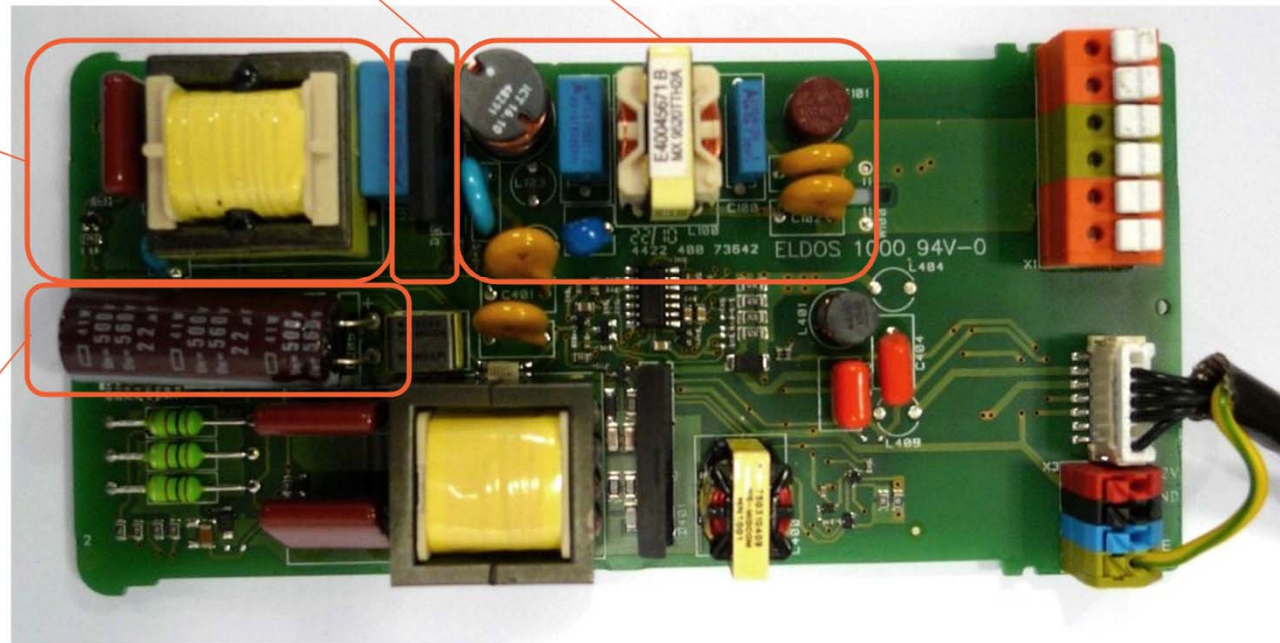


# LED-Treiber

AC part =   Bridge rectifier

Power factor  
correction

Storage  
electrolytic  
capacitor



# Fazit

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## Virtuelle Inertia aus Zwischenkreis-Kondensator

- Hardware existiert
- Einfache Adaption der Regelung

# Contact

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