

**An improved high-voltage IGBT-based half-bridge DC/DC converter for railway applications**

**Vinnikov, Dmitri; Laugis, Juhan** COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2011 / p. 280-299 : ill <https://www.emerald.com/insight/content/doi/10.1108/03321641111091566/full/html>

**Impact of component losses on the voltage boost properties and efficiency of the QZS-converter family**

**Roasto, Indrek; Vinnikov, Dmitri** COMPEL : The international journal for computation and mathematics in electrical and electronic engineering 2012 / p. 1945-1963 : ill