

## عنوان مقاله:

Transformerless DVR Topology Based on Multilevel Inverter with Reduced Number of Switches

## محل انتشار:

اولین کنفرانس بین المللی الکترونیک قدرت و سیستم های درایو (سال: 1388)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

In this paper, a transformerless dynamic voltage restorer (DVR) based on the multilevel inverter is proposed. This multilevel inverter uses reduced number of switches. As a result, the proposed DVR has lower number of switches in comparison with other multilevel inverter based DVR topologies. Also, it has lower loss and cost due to no need for injection transformers. As simulation results using PSCAD software will show, the proposed DVR can compensate for .voltage sags, swells and flickers

## کلمات کلیدی:

voltage sags/swells, DVR, multilevel inverter

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/152798>

