

**Detection of broken bars in frequency converter fed induction motor using Park's vector approach**

**Vaimann, Toomas; Belahcen, Anouar;** Martinez, Javier; **Kilk, Aleksander** PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 53-56 : ill  
[https://www.researchgate.net/publication/261051228\\_Detection\\_of\\_broken\\_bars\\_in\\_frequency\\_converter\\_fed\\_induction\\_motor\\_using\\_Park's\\_vector\\_approach](https://www.researchgate.net/publication/261051228_Detection_of_broken_bars_in_frequency_converter_fed_induction_motor_using_Park's_vector_approach)

**Detection of induction motor broken bars in grid and frequency converter supply**

**Vaimann, Toomas; Belahcen, Anouar;** Martinez, Javier; **Kilk, Aleksander** Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 112 : ill  
[https://www.researchgate.net/publication/262674778\\_Detection\\_of\\_induction\\_motor\\_broken\\_bars\\_in\\_grid\\_and\\_frequency\\_converter\\_supply](https://www.researchgate.net/publication/262674778_Detection_of_induction_motor_broken_bars_in_grid_and_frequency_converter_supply)

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**Vaimann, Toomas; Belahcen, Anouar;** Martinez, Javier; **Kilk, Aleksander** Przegląd elektrotechniczny 2014 / p. 90-94 : ill  
<https://www.pe.org.pl/articles/2014/1/22.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Park's vector approach for detection of broken rotor bars in frequency converter fed induced generator**

**Vaimann, Toomas; Belahcen, Anouar;** Martinez, Javier; **Kilk, Aleksander** Proceedings of the 13th International Scientific Conference Electric Power Engineering 2012 : EPE 2012 : Brno. Vol. 2 2012 / p. 985-988 : ill  
[https://www.academia.edu/17399045/Parks\\_Vector\\_Approach\\_for\\_Detection\\_Broken\\_Rotor\\_Bars\\_in\\_Frequency\\_Converter\\_Fed\\_Induction\\_Generator](https://www.academia.edu/17399045/Parks_Vector_Approach_for_Detection_Broken_Rotor_Bars_in_Frequency_Converter_Fed_Induction_Generator)

**Stability of a nonlinear system «frequency converter-asynchronous motor»**

Tergemes, K. T.; Karassayeva, A. R.; Sagyndikova, A. Z.; Orzhanova, Z. K.; **Šuvalova, Jelena** News of the National Academy of Sciences of the Republic of Kazakhstan 2021 / p. 124–128 <https://doi.org/10.32014/2021.2518-170X.73> [Journal metrics at Scopus](#) [Article at Scopus](#)