PUBLICATIONS

***Publications***

Kushnir A.F, Rozhkov N.M., Varypaev A.V. Statistically-based approach for monitoring of micro-seismic events.  // International Journal on Geomathematics. V4. N2. pp. 201-225 .(2013). Springer. ISSN 1869-2672.

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[Kushnir](http://library.seg.org/action/doSearch?action=runSearch&type=advanced&result=true&prevSearch=%2Bauthorsfield%3A%28kushnir%2C+a%29) A., [Varypaev](http://library.seg.org/action/doSearch?action=runSearch&type=advanced&result=true&prevSearch=%2Bauthorsfield%3A%28varypaev%2C+a%29) A., [Dricker](http://library.seg.org/action/doSearch?action=runSearch&type=advanced&result=true&prevSearch=%2Bauthorsfield%3A%28dricker%2C+i%29) I., [Rozhkov](http://library.seg.org/action/doSearch?action=runSearch&type=advanced&result=true&prevSearch=%2Bauthorsfield%3A%28rozhkov%2C+m%29) M., [Rozhkov](http://library.seg.org/action/doSearch?action=runSearch&type=advanced&result=true&prevSearch=%2Bauthorsfield%3A%28rozhkov%2C+n%29) N. Passive surface microseismic monitoring as a statistical problem: location of weak microseismic signals in the presence of strongly correlated noise // Geophysical Prospecting. EAGE : Geophysical Division, Blackwell Publishing, (2014). DOI: 10.1111/1365-2478.12124. ISSN: 1365-2478.

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***Presentations***

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Epiphansky A.G., Kushnir A.F., Rozhkov M.V., Rozhkov N.M., Varupaev A.V., Dricker I.G, Hellman S. Enhancement of Surface Array Monitoring of Hydraulic Fracturing Based on Statistically Optimal Algorithms // *Presentation at 33-rd General Assembly of European Seismological Commission (ESC), 19 – 24 August 2012, Moscow, Russia.*

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Comparison of Statistically Optimal Algorithms with Semblance-Based Surface Microseismic Monitoring // Presentation at Microseismic Technology Forum “Evaluating Monitoring Techniques: Downhole, Buried and Surface”, 22-24 January 2013, Napa, CA, USA

[I. Dricker](http://www.earthdoc.org/publication/search/?pubauthorname=I.%7CDricker), [A. Kushnir](http://www.earthdoc.org/publication/search/?pubauthorname=A.%7CKushnir), [M. Rozhkov](http://www.earthdoc.org/publication/search/?pubauthorname=M.%7CRozhkov), [A. Varypaev](http://www.earthdoc.org/publication/search/?pubauthorname=A.%7CVarypaev), [N. Rojkov](http://www.earthdoc.org/publication/search/?pubauthorname=N.%7CRojkov), [A. Epiphansky](http://www.earthdoc.org/publication/search/?pubauthorname=A.%7CEpiphansky), [P. Friberg](http://www.earthdoc.org/publication/search/?pubauthorname=P.%7CFriberg) and S. Hellman Optimization of Statistically Optimal (SO) Algorithms for Surface Location of Microseismic Sources with Complex Focal Mechanisms // *EAGE Extended Abstract, EarthDoc, 17 March 2013, Netherlands, Amsterdam.*

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