

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA

MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH



Publications of professor **Bakhti Haddi**

08-02-2022

Title	Link
Wavelet DT method for water leak-detection using a vibration sensor: an experimental analysis	<a href="https://ieeexplore.ieee.org/iel7/4159607/7938499/07938513.pdf">https://ieeexplore.ieee.org/iel7/4159607/7938499/07938513.pdf</a> <sup>1</sup>
Experimental validation of hybrid EMD-correlation acoustic digital leaks detector in water distribution network system	<a href="https://www.academia.edu/download/68183288/22862.pdf">https://www.academia.edu/download/68183288/22862.pdf</a> <sup>2</sup>
A Dynamic Invasive Weeds Optimization Applied to Null Control of Linear Antenna Arrays with Constrained DRR	<a href="http://dSPACE.univ-msila.dz:8080/xmlui/handle/123456789/25156">http://dSPACE.univ-msila.dz:8080/xmlui/handle/123456789/25156</a> <sup>3</sup>
Incremental Banerjee test conditions committing for robust parallelization framework	<a href="https://journals.tubitak.gov.tr/elektrik/abstract.htm?id=23229">https://journals.tubitak.gov.tr/elektrik/abstract.htm?id=23229</a> <sup>4</sup>
An Adaptive Power Control Algorithm For 3G Cellular Networks	<a href="https://ieeexplore.ieee.org/abstract/document/8634484/?casa_token=ct6BBGfWolIAAAAA:WBZnols0hBt4IhZRaFlyPP59eNbutNys-n8EAXN8H3o51kYFiIzBQryIw5PO2riegoe5ZpiGs_Ih8Vo">https://ieeexplore.ieee.org/abstract/document/8634484/?casa_token=ct6BBGfWolIAAAAA:WBZnols0hBt4IhZRaFlyPP59eNbutNys-n8EAXN8H3o51kYFiIzBQryIw5PO2riegoe5ZpiGs_Ih8Vo</a> <sup>5</sup>
Dielectric behavior of a sintered heterogeneous ternary composite resin/BT/Cu2O	<a href="https://www.epjap.org/articles/epjap/abs/2017/11/ap170268/ap170268.html">https://www.epjap.org/articles/epjap/abs/2017/11/ap170268/ap170268.html</a> <sup>6</sup>
Would it be Profitable Enough to Re-adapt Algorithmic Thinking for Parallelism Paradigm	<a href="https://ieeexplore.ieee.org/abstract/document/8923085/?casa_token=3PCqSmjW7iAAAAA:s5fSAQC7WU5ZN7HjVG-PoI-Yg1Vcqe62AjE4SN_VlfelmzszSHAEP1U3mYFs7D3BEP AFLpxWdPRAAM">https://ieeexplore.ieee.org/abstract/document/8923085/?casa_token=3PCqSmjW7iAAAAA:s5fSAQC7WU5ZN7HjVG-PoI-Yg1Vcqe62AjE4SN_VlfelmzszSHAEP1U3mYFs7D3BEP AFLpxWdPRAAM</a> <sup>7</sup>
Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline	<a href="http://dSPACE.univ-msila.dz:8080/xmlui/handle/123456789/20056">http://dSPACE.univ-msila.dz:8080/xmlui/handle/123456789/20056</a> <sup>8</sup>
Sensorless control system design of a small size vertical axis wind turbine	<a href="http://www.jjmie.hu.edu.jo/vol12-2/JJMIE-09-18-01.pdf">http://www.jjmie.hu.edu.jo/vol12-2/JJMIE-09-18-01.pdf</a> <sup>9</sup>
Caractérisation diélectrique d'un mélange de Titanate et d'oxyde (Résine époxyde, BaTiO <sub>3</sub> , Cu <sub>2</sub> O) fritté en fonction de la fréquence	<a href="http://dSPACE.univ-setif.dz:8888/jspui/handle/123456789/2266">http://dSPACE.univ-setif.dz:8888/jspui/handle/123456789/2266</a> <sup>10</sup>
EXPERIMENTAL STUDY OF DIELECTRIC AND FUNCTIONAL PROPERTIES OF POLYMER MATRIX/Cu <sub>2</sub> O/BaTiO <sub>3</sub> HETEROGENEOUS COMPOSITES IN BROAD ...	<a href="https://elibrary.ru/item.asp?id=43970785">https://elibrary.ru/item.asp?id=43970785</a> <sup>11</sup>
Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline	///// <sup>12</sup>

## Reference:

- 
- <sup>1</sup> Bentoumi, M., Chikouche, D., Mezache, A., & Bakhti, H. (2017). Wavelet DT method for water leak-detection using a vibration sensor: an experimental analysis. *IET Signal Processing*, 11(4), 396-405.
  - <sup>2</sup> Bakhti, H., Bentoumi, M., Harrag, A., & El-Hadi, K. (2019). Experimental validation of hybrid EMD-correlation acoustic digital leaks detector in water distribution network system. *Instrumentation Mesure Métrologie*, 18(6), 535-545.
  - <sup>3</sup> Kenane, E., Bakhti, H., Bentoumi, M., & Djahli, F. (2021). A Dynamic Invasive Weeds Optimization Applied to Null Control of Linear Antenna Arrays with Constrained DRR.
  - <sup>4</sup> Debbi, A. E., & Bakhti, H. (2018). Incremental Banerjee test conditions committing for robust parallelization framework. *Turkish Journal of Electrical Engineering & Computer Sciences*, 26(5), 2595-2604.
  - <sup>5</sup> Kenane, E., Fegriche, F. Z., Bakhti, H., Bentoumi, M., & Djahli, F. (2018, December). An Adaptive Power Control Algorithm For 3G Cellular Networks. In *2018 International Conference on Communications and Electrical Engineering (ICCEE)* (pp. 1-5). IEEE.
  - <sup>6</sup> Bakhti, H., Bouzit, N., Bourouba, N., & Jiménez, J. P. M. (2017). Dielectric behavior of a sintered heterogeneous ternary composite resin/BT/Cu<sub>2</sub>O. *The European Physical Journal Applied Physics*, 80(2), 20202.
  - <sup>7</sup> Debbi, A. E., Hamida, A. F., & Bakhti, H. (2019, October). Would it be Profitable Enough to Re-adapt Algorithmic Thinking for Parallelism Paradigm. In *2019 2nd International Conference on new Trends in Computing Sciences (ICTCS)* (pp. 1-6). IEEE.
  - <sup>8</sup> Bentoumi, M., Bakhti, H., & Ahmed, B. (2019). Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline.
  - <sup>9</sup> Messaoud, M., Hadi, B., & Aissa, D. (2018). Sensorless control system design of a small size vertical axis wind turbine. *JJMIE*, 12(2).
  - <sup>10</sup> Bakhti, H. (2018). Caractérisation diélectrique d'un mélange de Titanate et d'oxyde (Résine époxyde, BaTiO<sub>3</sub>, Cu<sub>2</sub>O) fritté en fonction de la fréquence (Doctoral dissertation).
  - <sup>11</sup> Bakhti, H., & Bouzit, N. (2014). EXPERIMENTAL STUDY OF DIELECTRIC AND FUNCTIONAL PROPERTIES OF POLYMER MATRIX/Cu<sub>2</sub>O/BaTiO<sub>3</sub> HETEROGENEOUS COMPOSITES IN BROAD BAND FREQUENCY. In *14th International Multidisciplinary Scientific GeoConference SGEM 2014* (pp. 169-176).
  - <sup>12</sup> Bentoumi, M., Bentoumi, A., & Bakhti, H. (1972). Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline Welsh DSP Estimate and EMD Applied to Leak Detection in a Water Distribution Pipeline.