

## Accepted Manuscript

Title: Pilot Study of Feature-Based Algorithm for Breech Face Comparison

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PII: S0379-0738(18)30080-X  
DOI: <https://doi.org/doi:10.1016/j.forsciint.2018.02.026>  
Reference: FSI 9184

To appear in: *FSI*

Received date: 22-9-2017  
Revised date: 26-1-2018  
Accepted date: 26-2-2018

Please cite this article as: H. Zhang, J. Gu, J. Chen, F. Sun, H. Wang, Pilot Study of Feature-Based Algorithm for Breech Face Comparison, *Forensic Science International* (2018), <https://doi.org/10.1016/j.forsciint.2018.02.026>

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## Highlights

- Feature-based method is introduced to promote comparison of breech face impressions.
- The local extrema are extracted as invariant features and assigned descriptors.
- RANSAC achieves robust correspondences with hypothesize-and-verify model fitting.
- Impression matching by features is demonstrated repeatable and rotation-invariant.

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