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Synergy of foreground-background images for feature extraction:
Offline signature verification using Fisher vector with fused KAZE
features

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Highlights

- KAZE features from foreground and background signature images show good performance
- Fused KAZE features with representation-level fusion further improve performance
- FV provides a more precise spatial distribution of the characteristics per writer
- PCA for the FV provides a more compact vector without significant performance loss
- This method yields lower error rates than existing signature verification systems

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