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Improved Local Binary Pattern for Real Scene Optical Character Recognition

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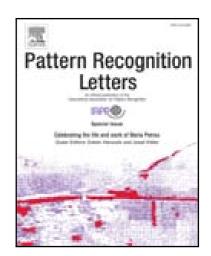
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## **Highlights**

- We improve Local Binary Pattern into a robust edge descriptor.
- Improved Local Binary Pattern have capability to overcome noise and blur.
- We use integral image to speed up procedure of feature creation.
- Rounded distance between center pixel to its neighbor is suitable in OCR.
- It will higher recognition rate instead Gaussian filter by box filter.



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