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Enhancing Image Registration Performance by Incorporating  
Distribution and Spatial Distance of Local Descriptors

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**Highlights**

- Analyzing the difference between  $\ell_p$ -norm distance and  $m_p$ -dissimilarity
- Formalizing how  $m_p$ -dissimilarity can be generally used for matching local descriptors
- Proposing three new matching strategies by incorporating  $\ell_p$ -norm distance and  $m_p$ -dissimilarity

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