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Non-rigid point set registration using dual-feature finite mixture model and global-local structural preservation

Su Zhang, Kun Yang, Yang Yang, Yi Luo, Ziquan Wei

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Highlights

- We develop a dual-feature finite mixture model based point set registration method.
- We define a local structure descriptor.
- We constrain the energy function using both the global and local structural regularization terms, preserving the structure at both global and local scales during the registration.
- The performance of our method outperforms state-of-art methods in this area.

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