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Lie group impression for deep learning

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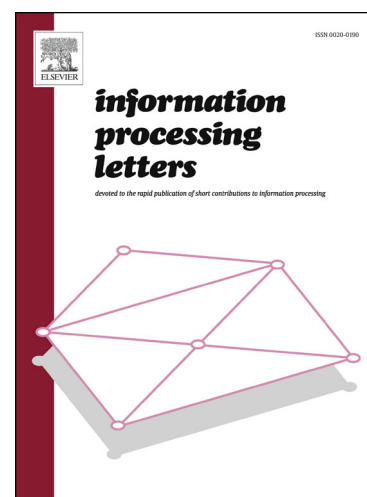
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## Highlights

- Represent visual impression in a Lie group manifold way.
- Develop the single-layer Lie group model which is stacked to a deep neural network.
- Design a Lie group based gradient descent algorithm to train the network.

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