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Decoding natural images from evoked brain activities using encoding models with invertible mapping

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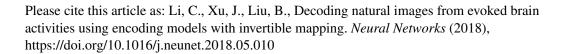
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Highlights:

- A sparse framework-based encoding model is proposed to build an invertible mapping.
- > The proposed Gabor-like feature can obviously improve the accuracy of the model.
- > The invertible mapping can be used to accomplish both encoding and decoding tasks.
- > Based on the mapping, a hybrid image identification method is proposed.

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