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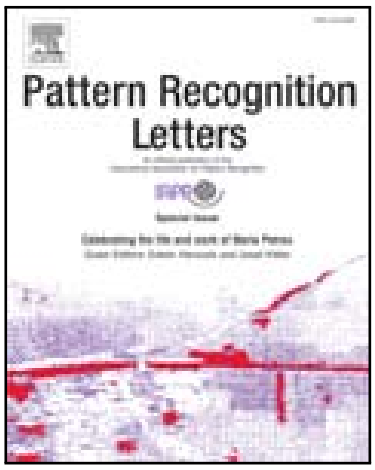

Self-organizing maps and Gestalt organization as components of an advanced system for remotely sensed data: An example with thermal hyper-spectra

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Highlights

- Self-organizing maps can learn to distinguish hyper-spectra without labels.
- Analysis of remotely sensed data benefits from Gestalt organization.
- Large scale perceptual grouping is combined with pixel-wise spectral analysis.
- Lower-level recognition may benefit from feed-back from higher levels.
- Thermal spectra may well be used to distinguish between meaningful classes of man-made objects.

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