

# Graph and Pattern Recognition

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International Master of Research in Computer Science: Computer Aided Decision Support



- **Romain Raveaux**
- Teacher at the university of Tours. Polytech'Tours
- Researcher at the Computer Science Laboratory
- Researcher Activity:
  - Graph-Based representation
  - Graph classification
  - Graph comparison
  - Image analysis

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- **Main publications : Referenced International Journal**

- Romain Raveaux et al. Structured representations in a content based image retrieval context. *Journal of Visual Communication and Image Representation*, Volume 24, Issue 8, November 2013, Pages 1252-1268.
- Romain Raveaux et al. A local evaluation of vectorized documents by means of polygon assignments and matching. *IJDAR* 15(1): 21-43 (2012)
- Romain Raveaux et al. Learning graph prototypes for shape recognition. *Computer Vision and Image Understanding* 115(7): 905-918 (2011)
- Romain Raveaux et al. A graph matching method and a graph matching distance based on subgraph assignments. *Pattern Recognition Letters* 31(5): 394-406 (2010)

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