



8. Overview of Activity

8.1. Teaching Activity

10. University and Regional Research Institute, Center of Research and Innovation (CIRI), 2010

- "Industrial Innovation: The Role of the University", 2010, *Journal of Innovation Management*, 24(1), 1-15
- "Industrial Innovation: The Role of the University", 2010, *Journal of Innovation Management*, 24(1), 1-15
- "Industrial Innovation: The Role of the University", 2010, *Journal of Innovation Management*, 24(1), 1-15
- "Industrial Innovation: The Role of the University", 2010, *Journal of Innovation Management*, 24(1), 1-15
- "Industrial Innovation: The Role of the University", 2010, *Journal of Innovation Management*, 24(1), 1-15

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II. Technical Presentation

Artificial intelligence paradigms for human face identification

Combined pattern search optimization of feature extraction and classification parameters in facial recognition

Pattern search methods are a particular class of direct search methods firstly analysed by Torczon [Torczon97] for unconstrained optimization. They were also extended to bound and linear constrained optimization

Such methods operate by searching a set of points called a pattern, which expands or shrinks depending on whether any point within the pattern has a lower objective function value than the current point. The search stops after a minimum pattern size is reached

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III. Technical Presentation

D. 3D Biometrics

- A 3d-3D Database for Hand Gesture Recognition
- For image acquisition, we used a high resolution 3D video camera produced by PMO Technologies GmbH Company, PMOcube 3.0 (PMO13). With the optical sensor having a resolution of 200x200 pixel, it is currently the highest resolution 3d-3D camera worldwide.

The 3d-3D acquisition system: PMOcube 3.0 (PMO13)



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