An exhaustive comparison framework for distributed shape differentiation in a MEMS sensor actuator array

K. Boutoustous, E. Dedu, J. Bourgeois

Laboratoire Informatique de l'Université de Franche-Comté (LIFC), Montbéliard, France

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- The project: create a part sorting micro smart surface
- A subproject: distributed identification of the part
- This poster: test exhaustively the efficiency of various differentiation criteria
  - MEMS: Microelectromechanical system

Examples of criteria:
- area A
- perimeter P
- nb of angles NA
- F, M, K, T, X, Y, Z

Max part size | Nb of parts generated | Nb of unique parts | Nb of groups of 3 parts
2x2          | 15                     | 4                   | $C_3^4 = 4$
3x3          | 512                    | 35                  | $C_3^{35} = 6545$
4x4          | 65536                  | 1280                | $C_3^{1280} = 348706560$

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