Relative centroid accuracy Average relative centroid accuracy Average relative centroid accuracy Best algorithms (accuracy > 90 %) Worst algorithms (accuracy < 90 %) 100.00% 90.00% 85.00% 98.00% 80.00% 75.00% 96.00% 70.00% 94.00% 65.00% 60.00% 92.00% 55.00% 90.00% 50.00%  $10^1$ 10<sup>2</sup> 10<sup>2</sup>  $10^{3}$ 10<sup>4</sup> 10<sup>5</sup>  $10^{1}$ 10<sup>3</sup>  $10^{4}$ 10<sup>5</sup> Size (module) Size (module) Relative center accuracy Best algorithms (accuracy > 87%) Worst algorithms (accuracy < 87 %) Average relative center accuracy Average relative center accuracy 100.00% 85.00% 98.00% 80.00% 96.00% 75.00% 70.00% 94.00% 65.00% 92.00% 60.00% 90.00% 55.00% 88.00% 50.00% 10<sup>1</sup> 10<sup>3</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>2</sup>  $10^{4}$ 10<sup>5</sup>  $10^1$ 10<sup>4</sup> 10<sup>5</sup> Size (module) Size (module) Algorithms PC2LE-FM-1 MIN-ID ABC-CENTER-V1 10-BFS-SUMSWEEP ABC-CENTER-V2 PC2LE 10-BFS-RAND PC2LE-MFC