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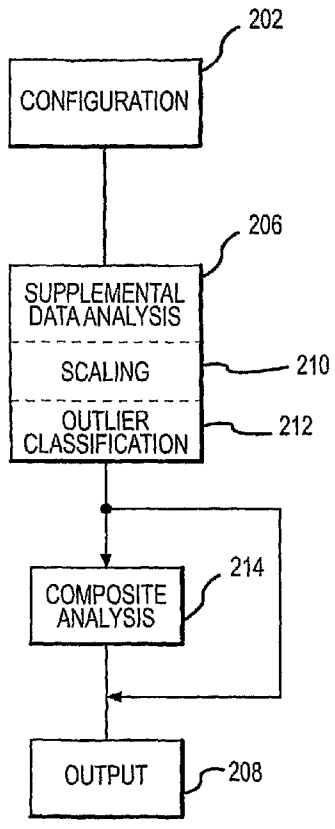
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(54) Title: METHODS AND APPARATUS FOR DATA ANALYSIS



(57) Abstract: A method and apparatus for testing semiconductors according to various aspects of the present invention comprises at test system comprising composite data analysis element configured to analyze data from more than one dataset. The test system may be configured to provide the data in an output report. The composite data anaylsis element suitable performs a spatial analysis to identify patterns and irregularities in the composite data set. The composite data analysis element may also operate in conjunction with a various other analysis systems, such as a cluster detection system and an exclusion system, to refine the composite data analysis. The composite may also be merged into other data.

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