

Retest Test Selection for Product-Line Regression Testing of  
Variants and Versions of Variants

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**Highlights:**

- A retest test selection technique for product-line regression testing
- Combination of model-based testing and regression testing facilitating test artifact reuse
- Delta-oriented test modeling capturing variability and evolution by the same means
- Two types of change impact analysis to guide the retest test selection
- An evaluation of the effectiveness and efficiency by means of two evolving product lines

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