

## ALGORITHMS FOR ARCHITECTURAL ELEMENT STRUCTURE ANALYSIS

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### ABSTRACT

The architectures are various and different. We base upon the "seven elements" theory to organize a geometrical method to find and group each kind of element, using on a fuzzy logic approach. The elementary structure of each analyzed architecture is output for human supervision and eventual correction. This method also works for historical purposes, being the grouping conditions given in a N-vectorial field and being diacronic phenomenons easily presentable as time coded on a common ax, with the only limit of the computation power. A "single time" application and a "diacronic" application are both presented in this paper.