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Abstract. Design of experiments (DOE) is the study of how to vary control parameters to efficiently design and evaluate experiments. Main effects plot and interaction plot are two data views often used to explore differences between mean values and interactions between the DOE parameters but they are mostly limited to two parameters.

AVL systems rely on GPS technology created in the 1980s by the United States Department of Defense for military purposes. Within GPS technology, the two major components are satellites and receivers.

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**Principles of Algorithm Design - courses.csail.mit.edu**

**Automatic vehicle location - Wikipedia**

**AVL CAMEO Active DoE**

Automatic vehicle location (AVL or ~locating; telelocating in EU) is a means for automatically determining and transmitting the geographic location of a vehicle.

This vehicle location data , from one or more vehicles, may then be collected by a vehicle tracking system to manage an overview of vehicle travel.

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H. -M. Koegeler DoE - Principles / Italy2013 3 Design of Experiments - What? Design of Experiments DoE = Statistical Design of Experiments DoE Methods distribute an optimized low number of Parameter Combinations in an area of influencing parameters (design space) in order to get a statistically assured, Empirical Model to predict

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The methodology is based on the application of Computational Fluid Dynamics (CFD) following a Design of Experiments (DoE) procedure. In this work the 3D CFD simulation was performed by the commercial CFD code AVL-FIRE for different combustion bowls from intake valve closing (IVC) to exhaust valve opening (EVO).

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Design of Experiments (DOE) Overview. The Assistant DOE includes a subset of the DOE features available in core Minitab and uses a sequential experimentation process that simplifies the process of creating and analyzing designs. The process begins with screening designs to identify the most important factors.

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