

Master thesis

Topic:

Performance assessment of asphalt materials from a perspective of fuzzy mathematics

Contact persons:

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Subject:

Undoubtedly, good asphalt materials are of critical importance for building a good-quality pavement. However, there is a basic question that rarely attracts attention, namely, how good is good? The answers to this question can be found in fuzzy mathematic.

There is no fixed boundary between good and bad. Both good and bad are concepts of fuzzy. However, when selecting paving materials, engineers always would like to quantity the good and bad. Specifically, how good or how bad the material is? Fuzzy mathematic can be considered as an effective tool to quantify the fuzzy problems.

Possible start time:

Immediately for preparation

