

**CONSTRUCTING STIELTJES CLASSES FOR POWER-ORDER
M-INDETERMINATE DISTRIBUTIONS**

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Summary

In this paper, we classify a broad family of M-indeterminate distributions named as power-order M-indeterminate distributions and systematically present some methods for constructing Stieltjes classes for these M-indeterminate distributions.

Keywords and phrases: Problem of moments, Stieltjes class, M-determinacy, Perturbation function.

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