

Correction of noise in discrete tomography

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In the talk, we present a new approach to correct the noisy measurement in discrete tomography. Since the method relies on the structure of dependencies among the line sums, we briefly recall related results of Van Dalen, Batenburg, Stolk, Tijdeman and Hajdu. We also compare the new approach with an earlier method of Tijdeman and Hajdu.

The presented results are joint with R. Tijdeman.