

## **FID SIGNAL ALGORITHM AND INTERPOLATION TECHNIQUE FOR SUPER-RESOLUTION MR IMAGING**

There are many super-resolution techniques have been successfully used in magnetic resonance imaging. Those techniques make possible to obtain SR images after acquisition has been performed. The new algorithm for measured FID signal for data estimation in k- space and interpolation technique for obtaining super resolution images is proposed. The proposed technique is to increase the spatial resolution of low resolution images and decrease the scanning time.

**Primary authors:** Dr NETREBA, Andrii; Dr NAGULIAK, Oleg

**Presenter:** Dr NAGULIAK, Oleg

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