

Autoencoder for Tunka-Rex

Reconstruction of air-shower parameters by radio data puts high demands on the purity of measured signal and signal-to-noise ratio, which is not always possible in real conditions. Measurements suffers from RFI related to man-made, ionospheric and other sources. For lowering the threshold on amplitude and energy of primary particle as well as increasing statistics we apply autoencoder network for the filtering of radio data. In present talk I will give our latest results on this approach.

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