Signal processing has (finally) removed (most) of the reaction wheel noise on Swarm-Echo / e-POP

#18 - Noise removal to improve the Swarm-Echo magnetic field data


1) Train neural network using MSSA and gradient correlation when dual-sensor data is available. 2) Decompose via Singular Spectrum Analysis (SSA) when only one sensor is available. 3) Classify using neural network. 3) Reconstruct without ‘noise’ terms.