

## **Noise elimination from stellar spectra**

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### **Abstract**

In the paper we deal with the removal of a noise from a high-resolution stellar spectra. For this purpose we use the wavelet denoising along with a minimal energy criteria that allows one to effectively divide into a "useful" and a parasite components. We test this approach on an example of reconstruction of a model signal blurred by a random fractal noise.

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### **Keywords**

Stellar spectra, Wavelet transform