

On synthesis of astronomical images

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The aim of my work is to prepare colourful images of deep space objects. These images should be both scientifically correct and aesthetically appealing. My goal is to solve problems which are going along with the technical limitation of CCD cameras and digital single-lens reflex cameras, which are also commonly used for astrophotography. It is often needed to get rid of noisy and overlited places in this pictures. I would like to attain as much details as possible, while staying as much physically correct as possible.