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Color Maps of the Interacting Galaxies NGC 1512 and NGC 1510

As humans, we only see a fraction of our universe. With new technologies such as CCD cameras, color filters, and computer programs for image analysis, we can get a glimpse into the unseen. Multiple images of the interacting galaxies NGC 1512 and NGC 1510 were taken using a robotic telescope in Australia. Using Python, the images taken with a specific filter are lined up and then added together to observe invisible details. Comparing the light from different colors can help us map out the possible history of the interactions between these galaxies.