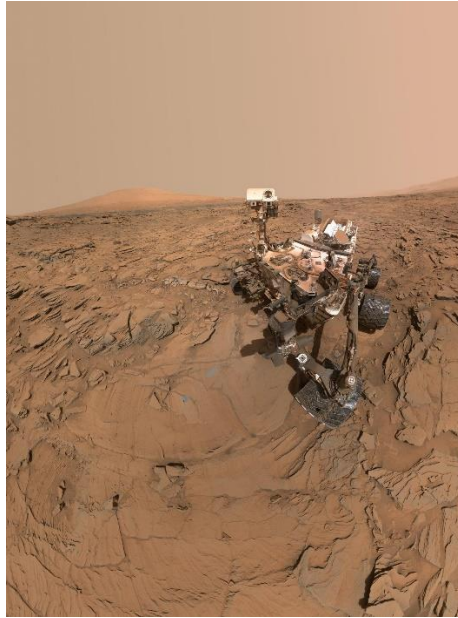


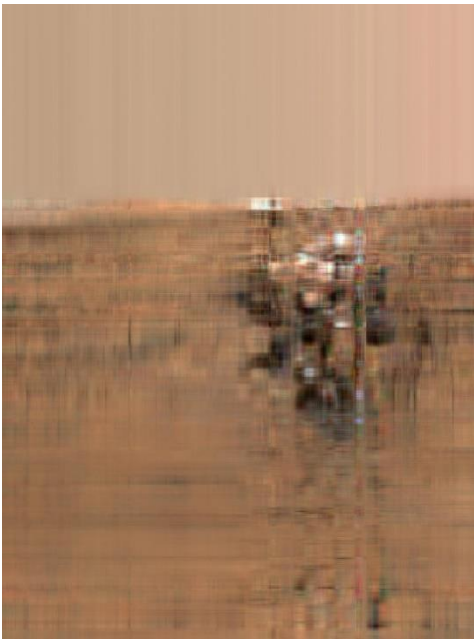
PCA - IMAGE COMPRESSION

Rohith Reddy Kolla

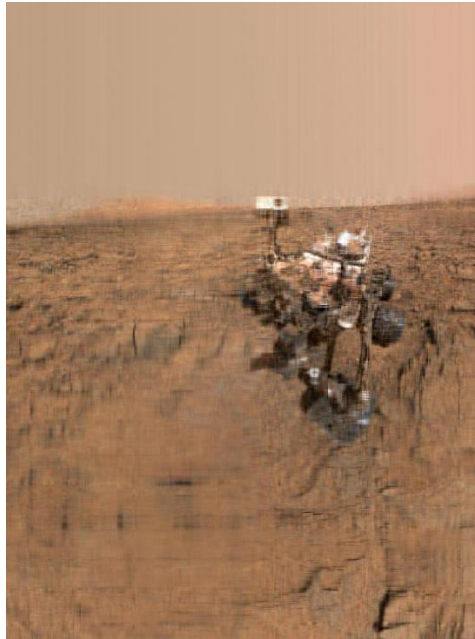
Application of dimensionality reduction with principal component analysis for image compression using MATLAB.



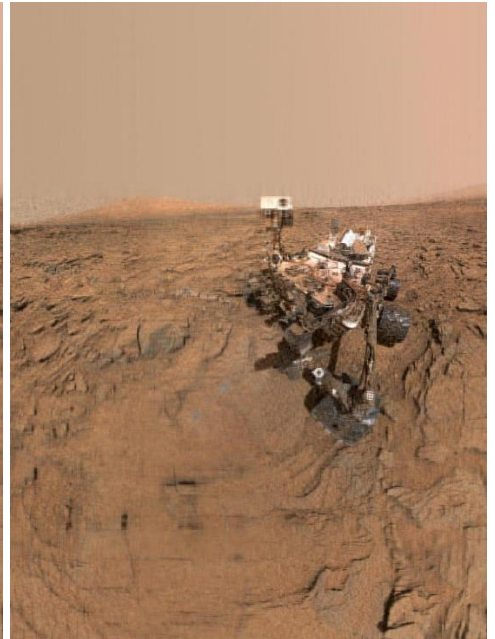
Original Image
Size – 331 KB



Compressed – 10 Components
Size – 140KB



Compressed – 30 Components
Size – 194 KB



Compressed – 60 Components
Size – 236 KB