

**33**

k is set to a large value where the noise mask is to have a broad soft edge, and k is set to a small value where the noise mask is to have a narrow soft edge, and where d is a distance from the edge of the noise.

**100.** The recording medium of claim **88**, wherein the steps of filtering the repair image data to generate low pass filtered repair image data and high pass filtered repair image data, performing the frequency transform to the high pass filtered repair image data to generate

5

**34**

frequency transformed data of the high pass filtered repair image data, and performing an inverse transform of the frequency transform using the frequency transformed data of the high pass filtered sample image data and the frequency transformed data of the high pass filtered repair image data to generate new high pass filtered repair image data are performed recursively to generate the new image data.

\* \* \* \* \*