

Fuzzy-Rule Based Approach for Single Frame Super Resolution

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I. RESULTS OF OLD MAN IMAGE : 4X MAGNIFICATION

Images of the other methods are downloaded from

Input

Bicubic

Fattal et al.



Glasner et al.

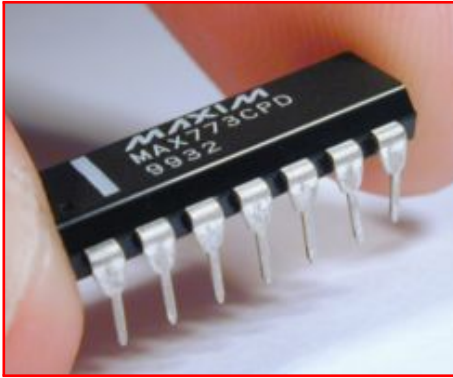
Purkait et al.

Proposed

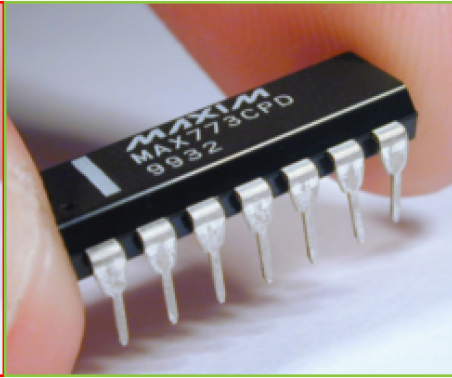


II. RESULTS OF CHIP IMAGE : 4X MAGNIFICATION

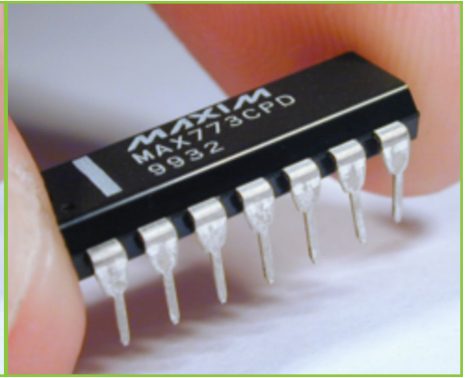
Input



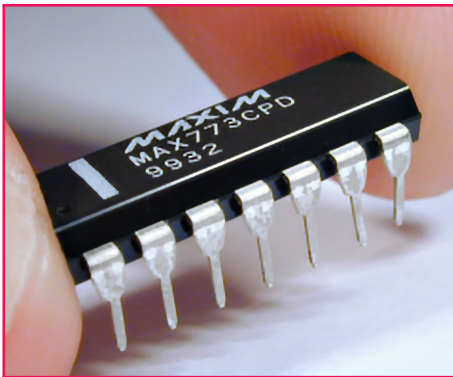
NN-interpolation



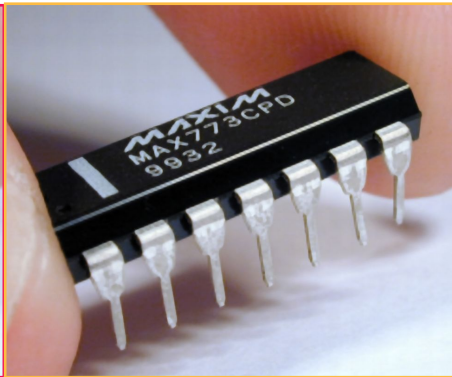
Bicubic



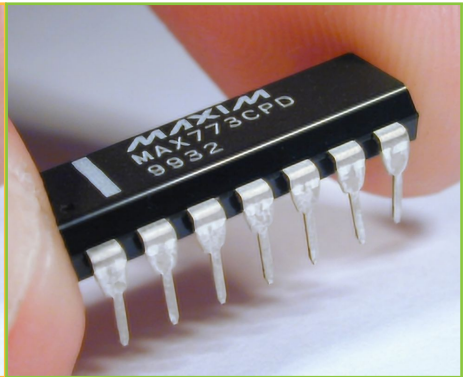
Sun et al.



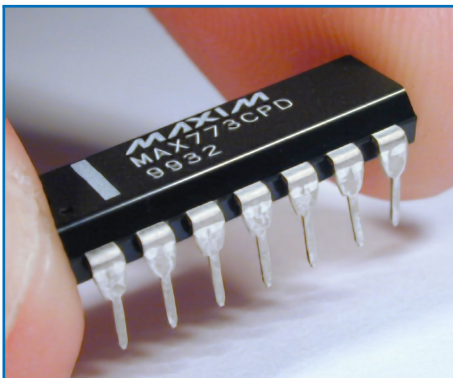
Fattal et al.



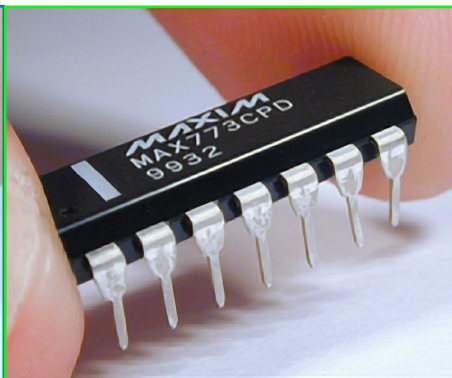
Glasner et al.



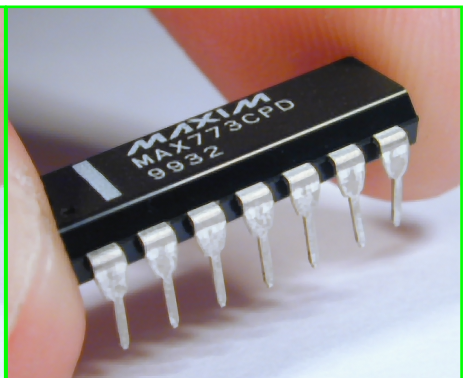
Freedman et al.



Purkait et al.



Proposed



III. RESULTS OF CHILD IMAGE : 4X MAGNIFICATION

Input

NN-interpolation

Bicubic



Sun et al.

Fattal et al.

Glasner et al.



Freedman et al.

Purkait et al.

Proposed



IV. RESULTS OF WHEEL IMAGE : 4X MAGNIFICATION

Input



NN-interpolation



Bicubic



Freedman et al.



Sun et al. [11]



Fattal et al. [12]



Purkait et al.



Proposed



V. RESULTS OF KOALA IMAGE : 3X MAGNIFICATION

Input

NN-interpolation

Bicubic

Glasner et al.



Freedman et al. [26]

Purkait et al.

Proposed



VI. RESULTS OF GIRL IMAGE : 3X MAGNIFICATION

Input

NN-interpolation

Bicubic

Glasner et al.



Freedman et al. [26]

Purkait et al.

Proposed



VII. RESULTS OF KITCHEN IMAGE : 3X MAGNIFICATION

Input

NN-interpolation

Bicubic



Freedman et al. [26]

Fattal et al. [12]

Glasner et al. [7]



Purkait et al.

Proposed



VIII. RESULTS OF SCLPTURE IMAGE : 4X MAGNIFICATION

Input



NN-interpolation



Bicubic



Fattal et al.



Glasner et al.



Freedman et al.



Purkait et al.



Proposed

