

Project 1 Writeup

Instructions

- Provide an overview about how your project functions.
- Describe any interesting decisions you made to write your algorithm.
- Show and discuss the results of your algorithm.
- Feel free to include code snippets, images, and equations.
- List any extra credit implementation and result (optional).
- Use as many pages as you need, but err on the short side.
- **Please make this document anonymous.**

Project Overview

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$$a = b + c \tag{1}$$

Implementation Detail

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My code snippet highlights an interesting point.

```
one = 1;
two = one + one;
if two == 2
    disp( 'This computer is not broken.' );
end
```

Result

1. Result 1 (Figure 2, left top) is the high frequency image of a cat (cat.bmp).
2. Result 2 (Figure 2, right top) is the low frequency image of a dog (dog.bmp).
3. Result 3 (Figure 2, left bottom) is the hybrid image.
4. Result 4 (Figure 2, right bottom) is the hybrid image in scales.

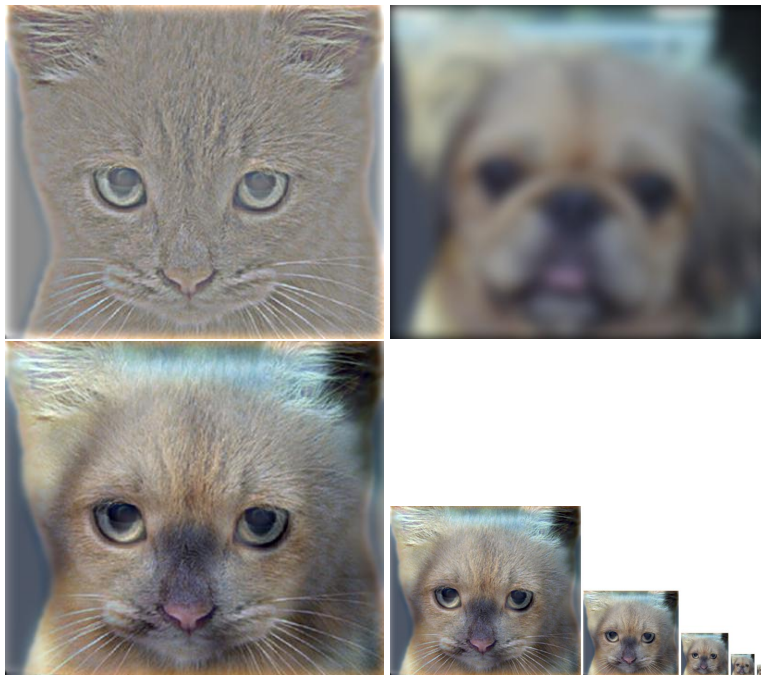


Figure 1: *Left-Top*: cat. *Right-Top*: dog. *left-Bot*: hybrid. *Right-Bot*: scales.

Extra Credit

1. Result 1 (Figure 2, left top) is the high frequency image of person 1
2. Result 2 (Figure 2, right top) is the low frequency image of a another person 2
3. Result 3 (Figure 2, left bottom) is the hybrid image.
4. Result 4 (Figure 2, right bottom) is the hybrid image in scales.



Figure 2: *Left-Top*: person 1. *Right-Top*: person 2. *left-Bot*: hybrid. *Right-Bot*: scales.