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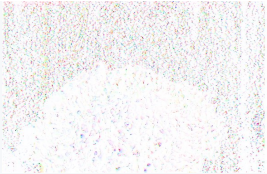
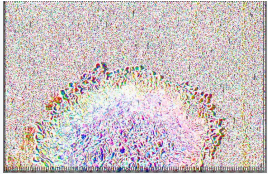

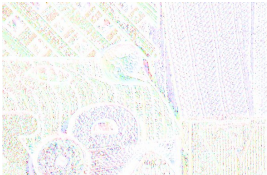
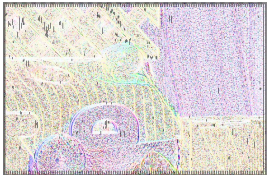


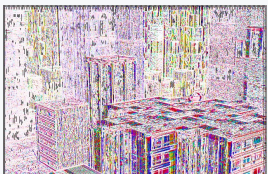
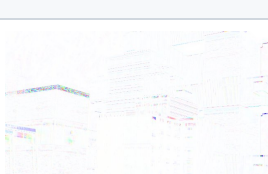
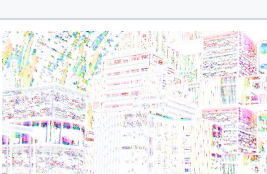
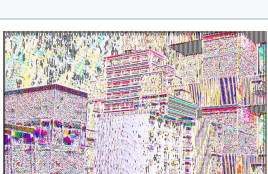
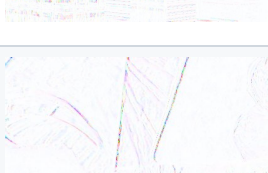

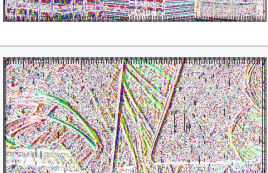
51 lines (44 sloc) | 3.88 KB



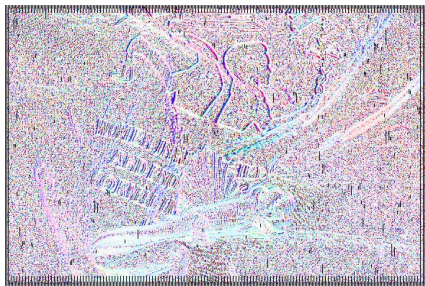
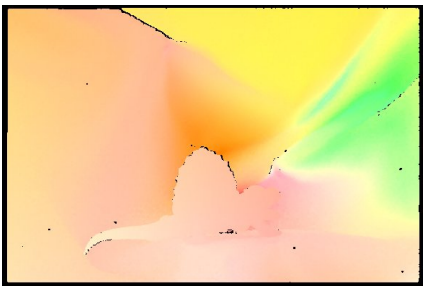


## Overview of Progress

Overview of the multiple implementen algorithm. We have the standard Horn Schunck implemented on gray scale image. The Horn Schunck with multiple channels for color images. Finally, we have the Horn Schunck with Multiple Channels, Multi Resolution and Iterative Refinement.



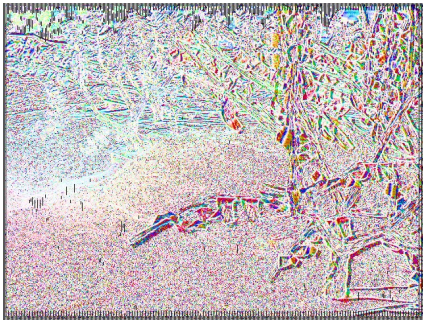


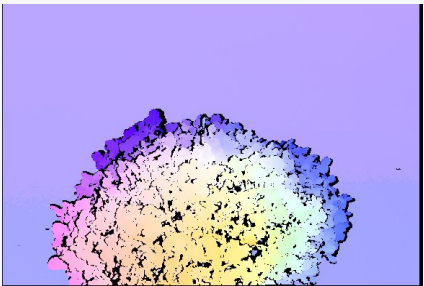


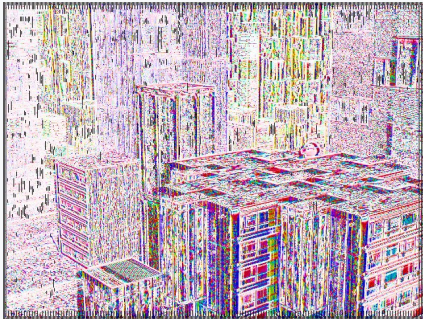

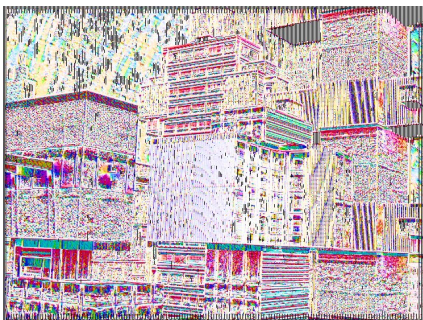

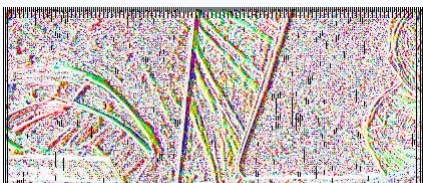

| Image      | HS Gray | HS Color | HS MC+MR+IR |
|------------|---------|----------|-------------|
| Dimetrodon |         |          |             |
| Grove2     |         |          |             |
| Grove3     |         |          |             |

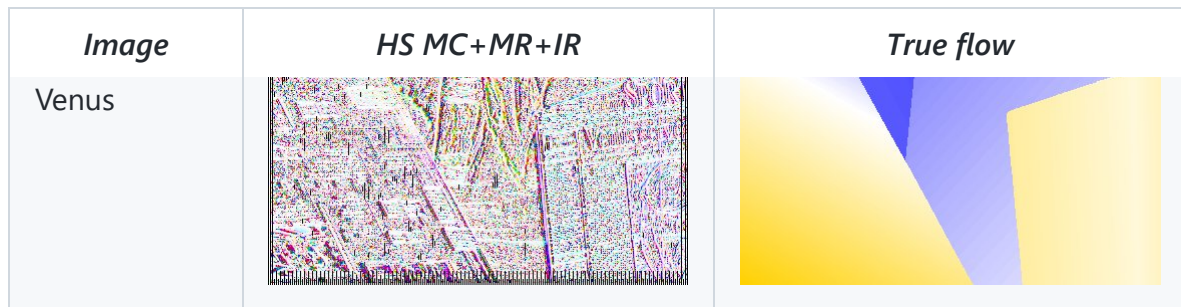
| <i>Image</i> | <i>HS Gray</i>   | <i>HS Color</i>   | <i>HS MC+MR+IR</i>   |
|--------------|--|---|--|
| Hydrangea    |   |   |   |
| RubberWhale  |   |   |   |
| Urban2       |   |   |   |
| Urban3       |   |   |   |
| Venus        |  |  |  |

## ⌘ Comparing best results to the true flow

| <i>Image</i> | <i>HS MC+MR+IR</i>  | <i>True flow</i>   |
|--------------|---|--|
| Dimetrodon   |  |  |
| Grove2       |  |  |



| <i>Image</i> | <i>HS MC+MR+IR</i>  | <i>True flow</i>   |
|--------------|---|--|
|              |    |    |
| Grove3       |    |    |
| Hydrangea    |    |    |
| RubberWhale  |   |   |
| Urban2       |  |  |
| Urban3       |  |  |
|              |  |  |



## ⌘ Comparing our Average End-Point-Error statistics to the statistics of the professor

| <i>Image</i> | <i>HS MC+MR+IR</i> | <i>Professor</i> |
|--------------|--------------------|------------------|
| Dimetrodon   | 2.11 (1.52)        | 0.454            |
| Grove2       | 3.21 (1.71)        | 0.290            |
| Grove3       | 3.9 (2.73)         | 0.854            |
| Rubber Whale | 1.25 (1.57)        | 0.432            |
| Hydrangea    | 3.74 (1.95)        | 0.495            |
| Urban2       | 8.52 (8.59)        | 0.330            |
| Urban3       | 7.5 (5.53)         | 0.800            |

## ⌘ Comparing our Average Angular Error statistics to the statistics of the professor

| <i>Image</i> | <i>HS MC+MR+IR</i> | <i>Professor</i> |
|--------------|--------------------|------------------|
| Dimetrodon   | 46 (26)            | 10.02 (17.03)    |
| Grove2       | 30 (27)            | 3.9 (7.96)       |
| Grove3       | 35 (34)            | 7.29 (14.91)     |
| Hydrangea    | 32 (28)            | 6.72 (14.09)     |
| RubberWhale  | 66 (18)            | 10.70 (20.08)    |
| Urban2       | 9 (58)             | 5.57 (15.93)     |
| Urban3       | 4 (54)             | 12.98 (27.58)    |

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