

## Scrambled Image

A high quality image was scrambled using a secret key (scramble\_code.mat). Download the scramble code and decode the scrambled image to view the high quality image!!

The scramble code:

|  |     |     |     |     |     |     |    |     |     |     |
|--|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|
| row index in a scrambled image<br>( <i>x</i> -direction) | 1   | 2   | 3   | 4   | 5   | 6   | 7  | ... | 575 | ... |
| row index in an original image                           | 578 | 594 | 455 | 758 | 810 | 150 | 45 | ... | 1   | ... |

|   |      |     |     |    |     |      |     |     |     |     |
|---|------|-----|-----|----|-----|------|-----|-----|-----|-----|
| column index in a scrambled image<br>( <i>y</i> -direction) | 1    | 2   | 3   | 4  | 5   | 6    | 7   | ... | 575 | ... |
| column index in an original image                           | 1147 | 134 | 288 | 68 | 111 | 1148 | 361 | ... | 575 | ... |

