Expression Flow for
3D-Aware Face Component Transfer
Supplementary Images

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Additional Results
Example 1: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 2: Mouth Transfer

Target

Reference
Warped Images

Warped Target  Warped Reference
Results

Our Result

2D Result
Example 3: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 4: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 5: Mouth Transfer

Target

Reference
Supplementary Images

User Study 1 Images

Example 5

Warped Images

![Warped Target](image1)

![Warped Reference](image2)
Results

Our Result

2D Result
Example 6: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 7: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

![Our Result](image1)

![2D Result](image2)
Example 8: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 9: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
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Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
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Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 12: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 13: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 14: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Example 1: Mouth Transfer

Our Result

No Expression Flow
Example 2: Mouth Transfer

Our Result

No Expression Flow
Example 4: Mouth Transfer

Our Result

No Expression Flow
Example 5: Mouth Transfer

Our Result

No Expression Flow
Example 11: Mouth Transfer

Our Result

No Expression Flow
Example 14: Mouth Transfer

Our Result

No Expression Flow
Example A1: Mouth Transfer

Target

Reference
Warped Images

Warped Target

Warped Reference
Results

Our Result

2D Result
Expression Flow Only - Example 1

Original

Warped by Expression Flow
Expression Flow Only - Example 2

Original

Warped by Expression Flow
Alignment Flow Only - Eyebrow and Wrinkle Transfer

Target

Reference
Results - note the right eyebrow

Our Result

2D Result
Neutral to Frown-1

Reference

Target

Result
Neutral to Frown-2

Reference

Target

Result
Failed Expression Transfer

Reference

Target

Result