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Name: Rajeev Kumar Jeevagan

Penn Key: rajeevj

Penn Id: 64527457

MSE in Robotics

Date: 10/25/2011

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Function Reference

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wrapper_tps1 --- Wrapper for morphing two images using tps

wrapper_tps ---- wrapper for warping an image using tps

imwarpv ---- warp function for warping an image using triangulation

create_video ---- for creating videos for tps

create_videot ---- for creating videos for triangulation


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Tested for different sized images

Configuraed for Triangulation to give just direct cross-dissolved part of the

two images outside the convex hull instead of black

Compressed Videos included in .wmv format since couldnt compress in matlab

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Links for videos uploaded:

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1)Presidents using TPS

http://www.youtube.com/watch?v=WcZlx03Zbrg

2)Presidents using triangulation

http://www.youtube.com/watch?v=cTNKlFb5e3s

3)Pitt-Jolie using TPS

http://www.youtube.com/watch?v=0VgTvj_-R30

4)Pitt-Jolie using Triangulation

http://www.youtube.com/watch?v=yWd0Dx3UQGg

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Videos for testimg:

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1)TPS

http://www.youtube.com/watch?v=-wCKga4ixEU

2)Triangulation using interpolation

http://www.youtube.com/watch?v=PUKyQLCCMhY

3)Triangulation using rounding

http://www.youtube.com/watch?v=0479MUPjWmM

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