*Supplementary material*

* Full detection
* Full synthesis (of ours only) 2014.11.12
* Artifacts in the video 2014.11.12

Video1:2:57 sushi example is not shown

Video2: 1:22 no more than three iterations

Video2: 1:43 correlation matrix

Video3: 3:16 using multle-label graph cut optmizaiton … because …

* Final improvement of the results 2014.11.12
* More Synthesis results of non-façade images 2014.11.13
* Credit of third part images 2014.11.13