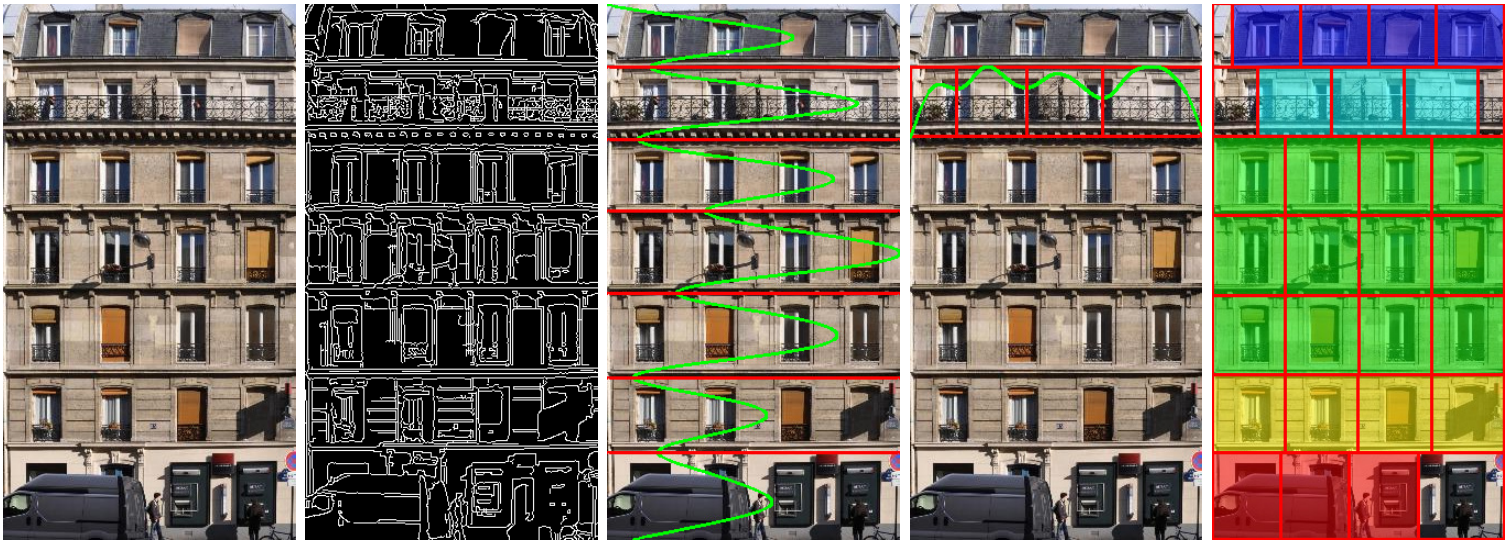
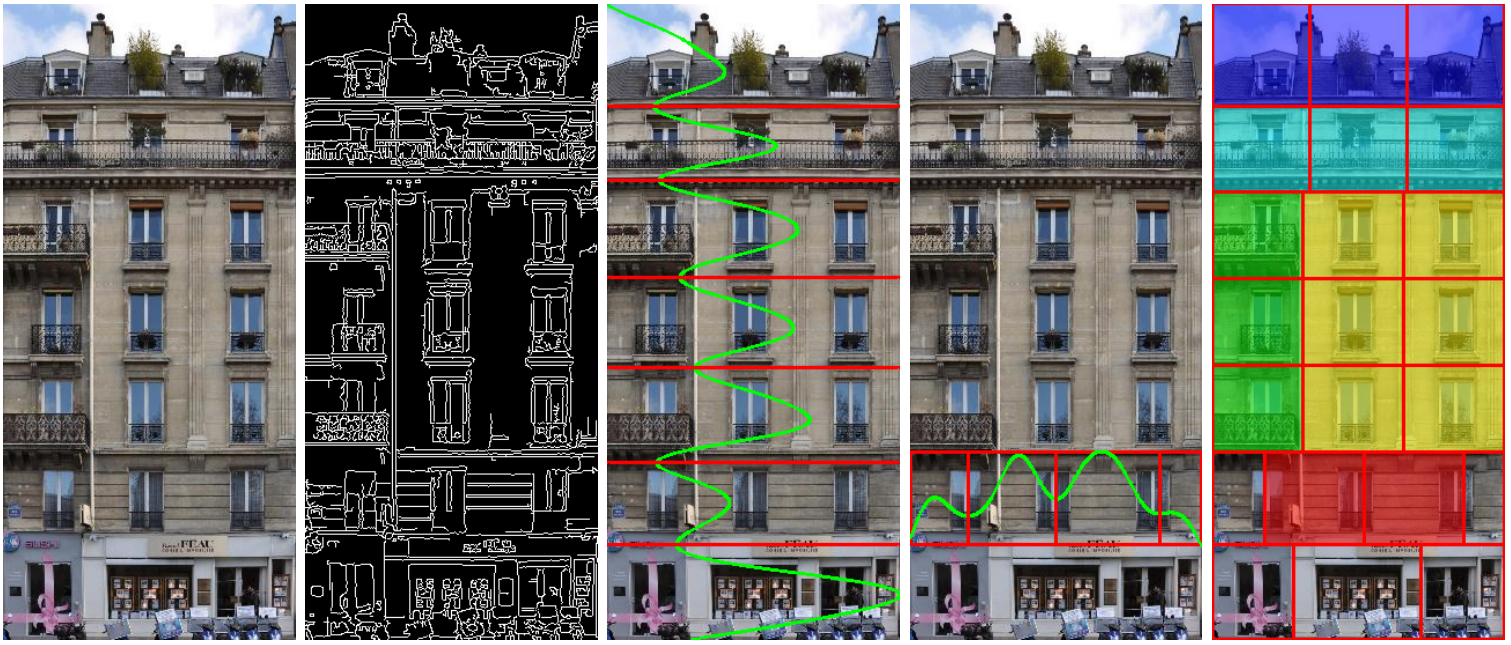
Supplemental Material IV

We show a few representative results of testing our method on the *CVPR 2010 data set* in the *Ecole Centrale Paris Database*. The first three examples correspond to the ones demonstrated in Figure 13 of our paper. Comparable to Figure 4 in our paper, we also show some intermediate results including edge detection, penalty functions (green) and initial splitting lines (red) in different levels. For the fourth subfigure, we draw vertical penalty function of one representative slice and indicate similar slices of it using rectangle frames if exist.

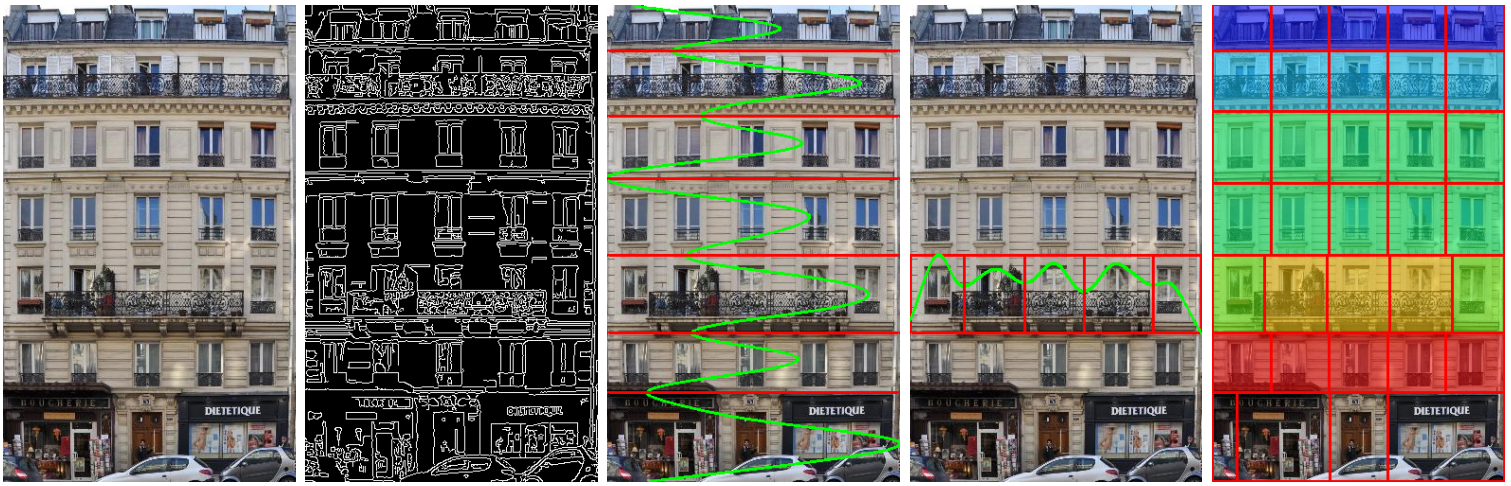
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



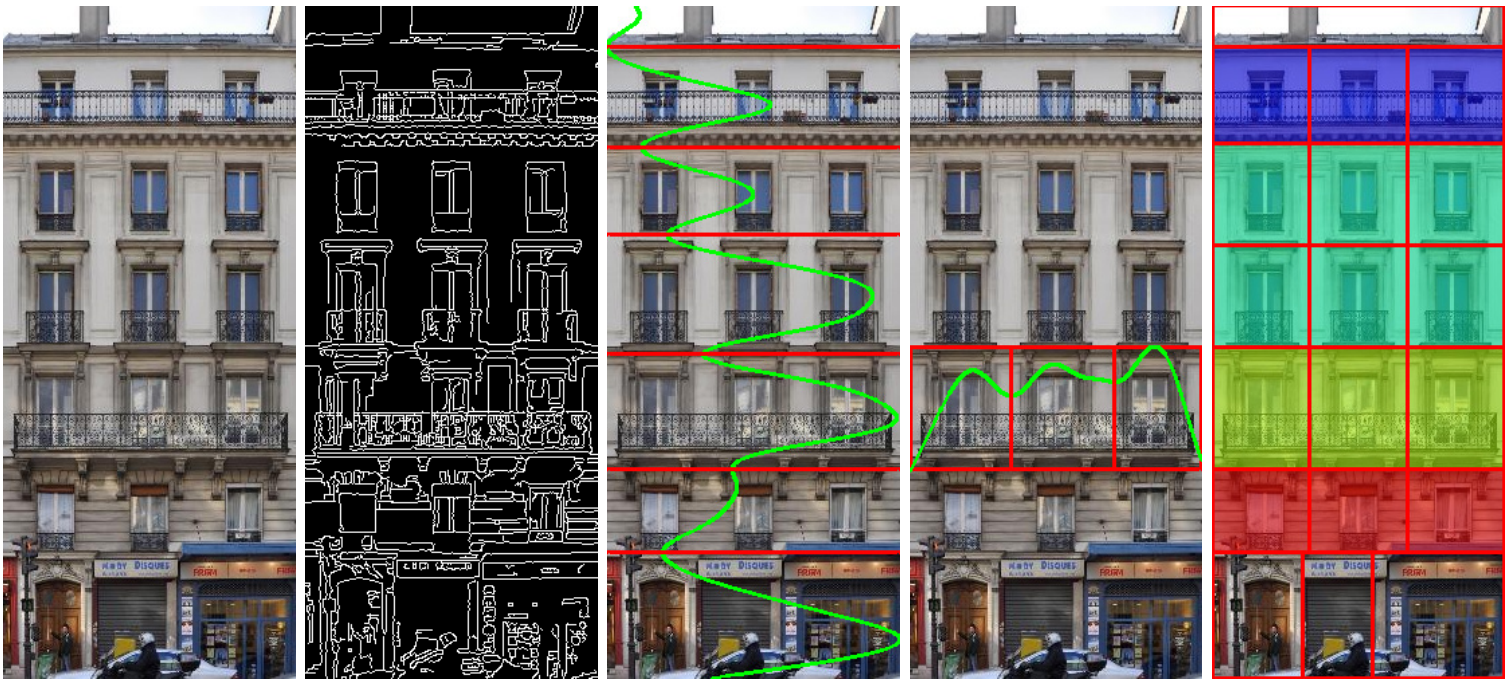
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



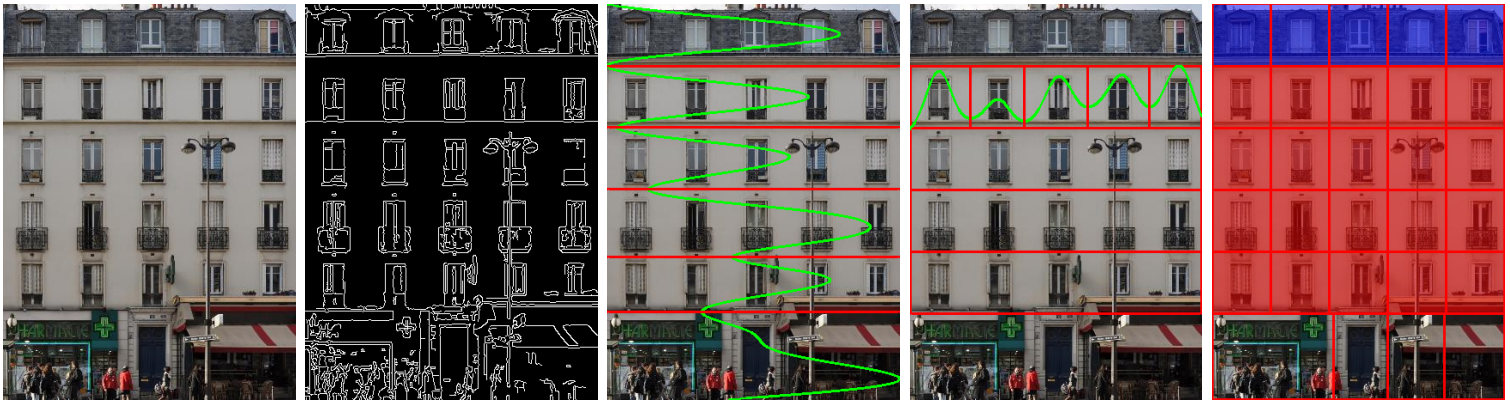
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



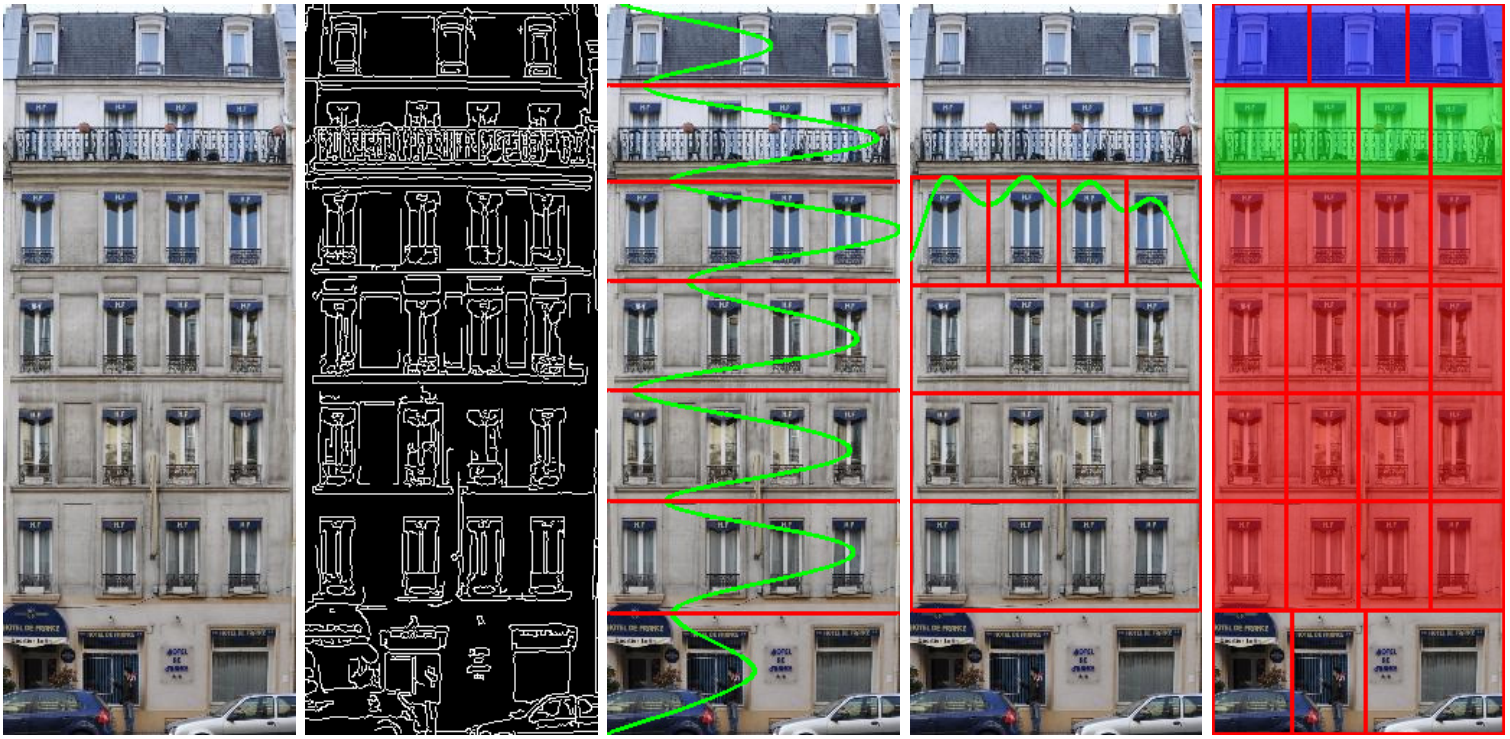
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



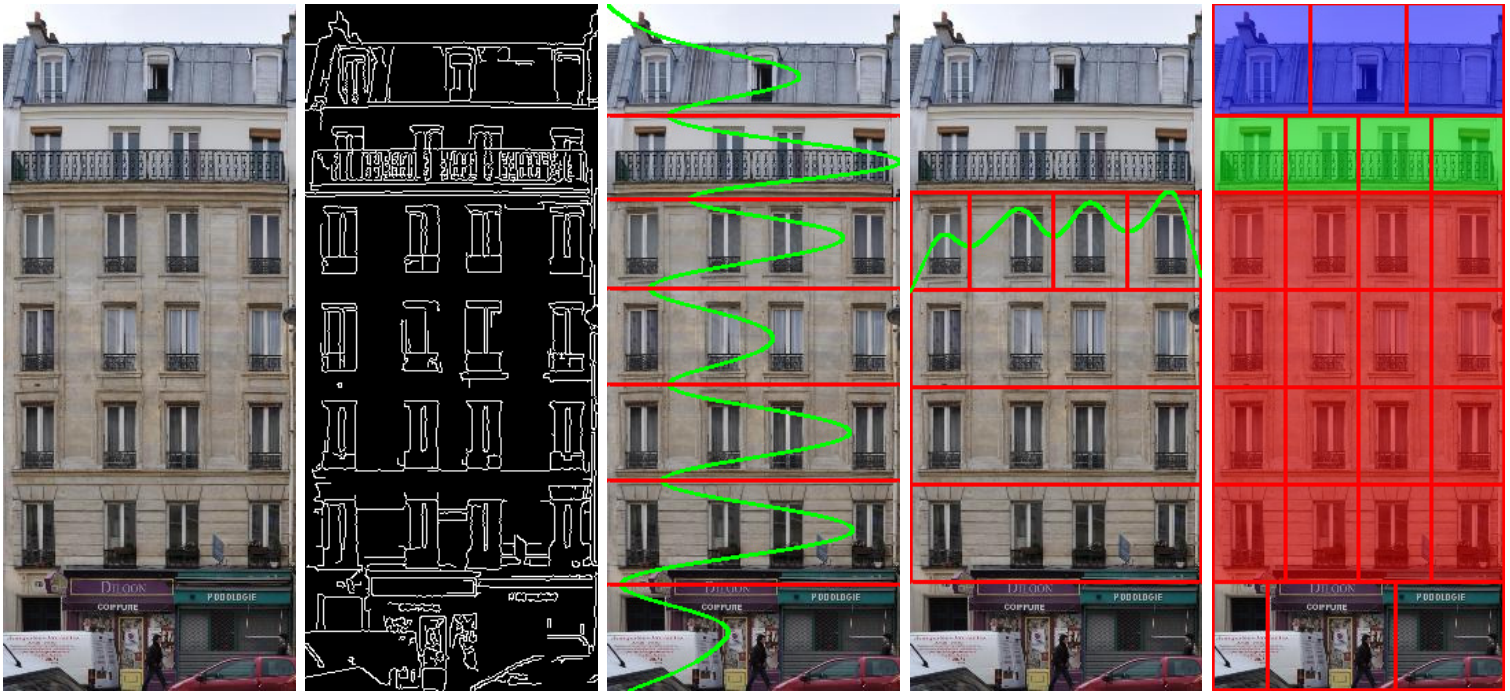
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



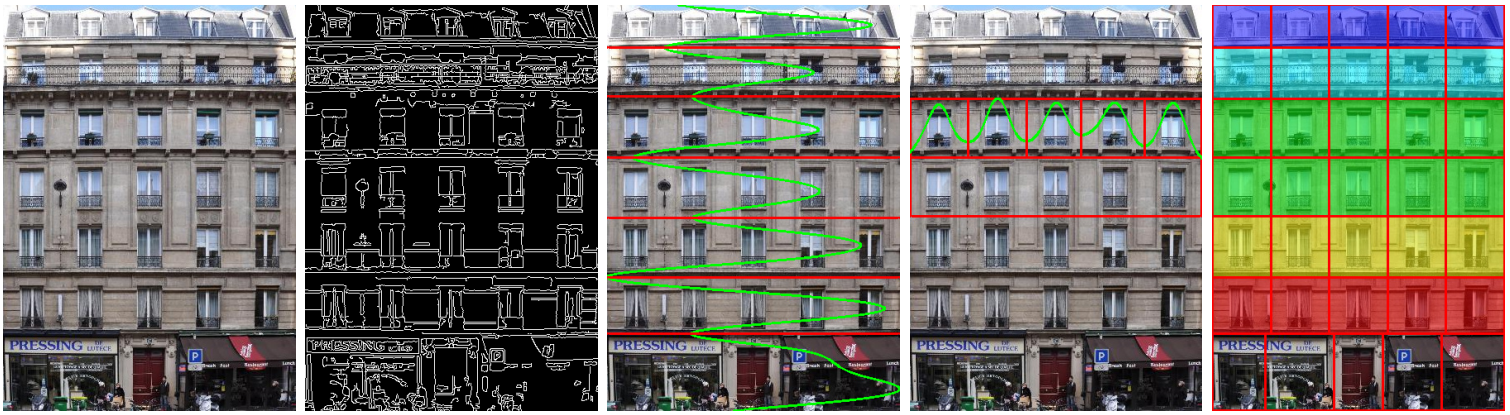
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



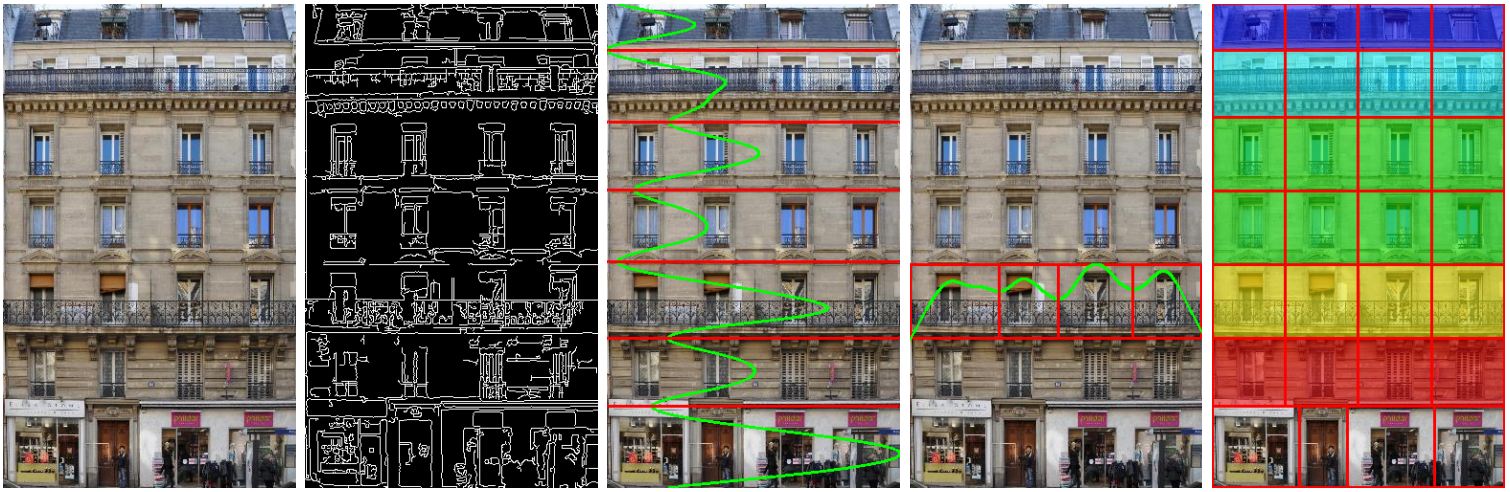
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



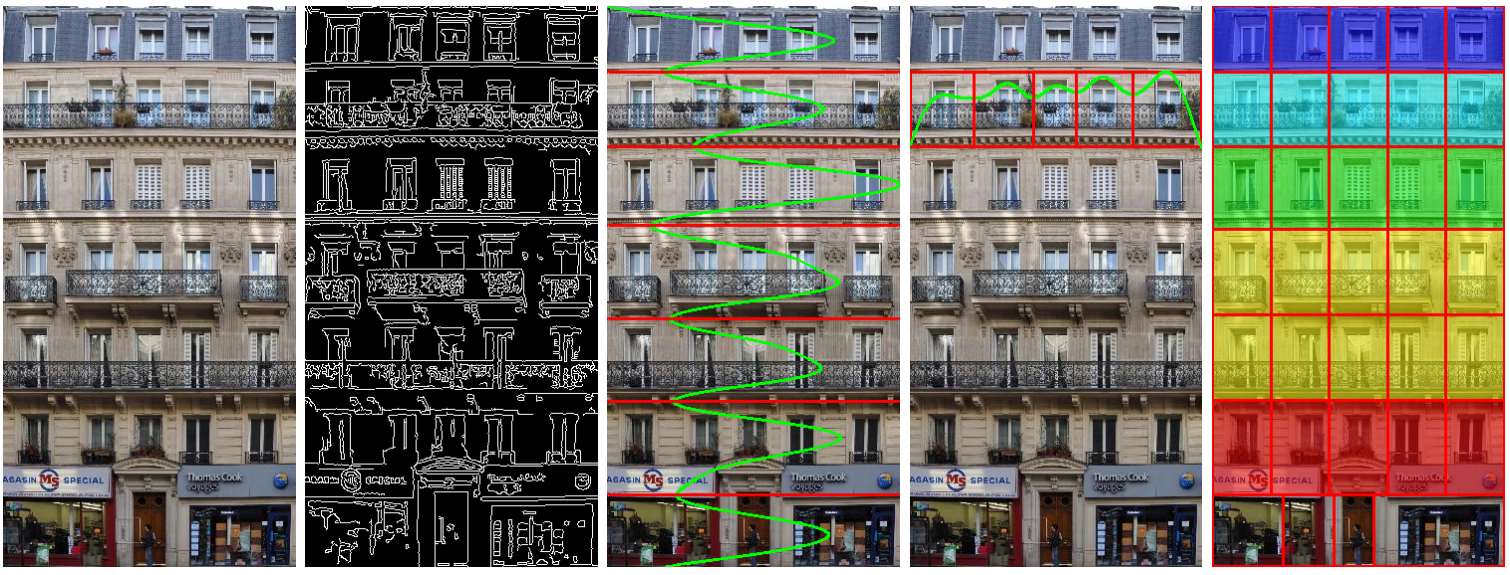
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



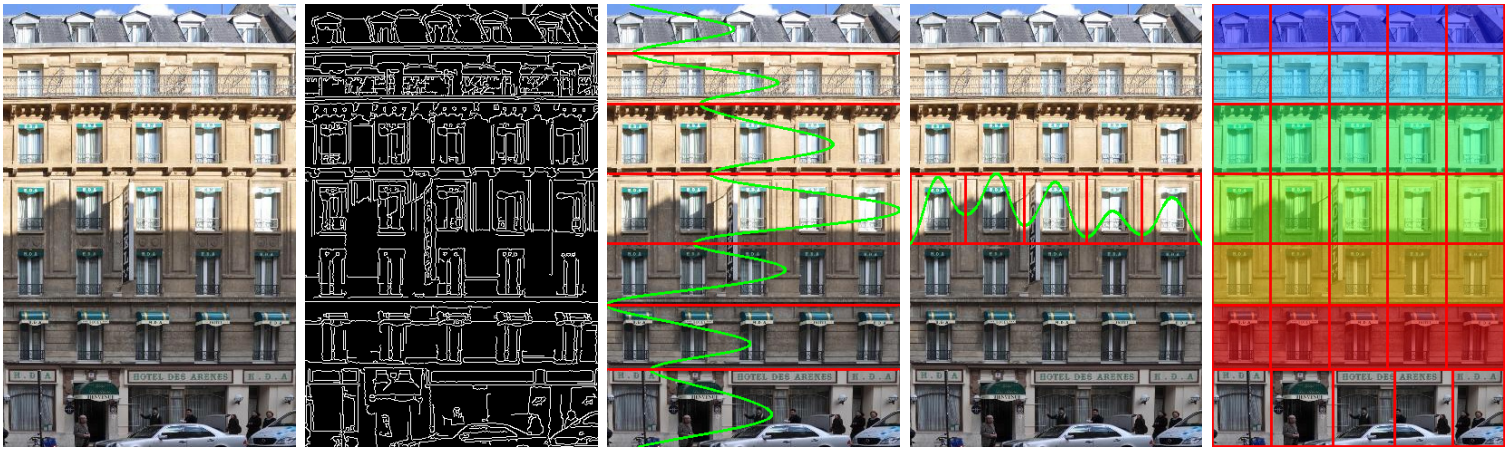
(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result



(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result

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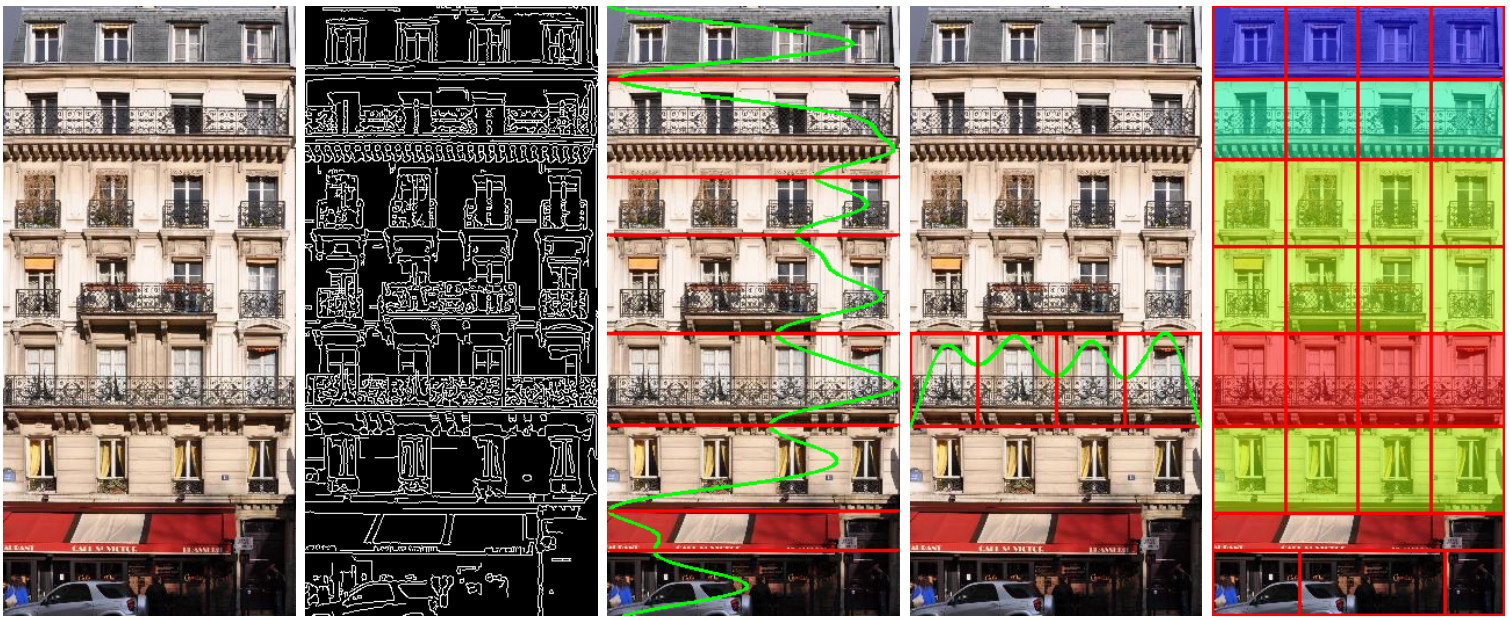

(a) input (b) detected edges (c) penalty function (d) penalty function (e) final result