Learning to Refine Object Segments

Pedro O. Pinheiro*, Tsung-Yi Lin*, Ronan Collobert, Piotr Dollar
Main Goal: Improve Object Instance Segmentation

- Increase in depth → check mark for **object semantics information**
  × for **spatial information**

- Solution: use information from all layers
  Top-down refinement to sharpen output with low-level features
Architectures for Object Instance Segmentation
Object Proposals

- Generate a set of regions that are likely to contain objects

- DeepMask for Object Proposals (NIPS15)

predict mask/score for center object
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Poster @ S-1A-05
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