

person 89%

person 63%

car 74%

person 68%

bicycle 68%

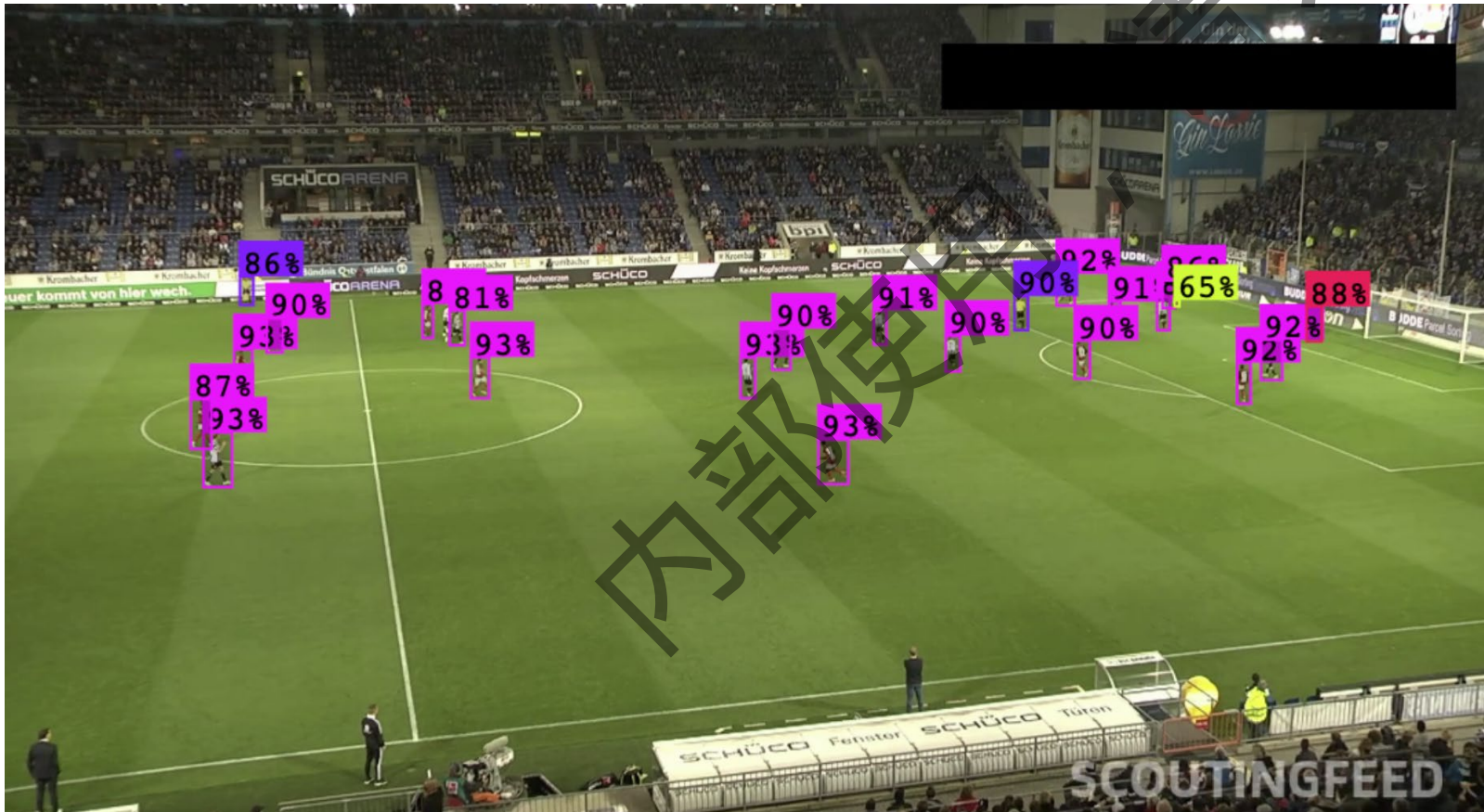
dog 74%

# What is Object Detection?



# Object Detection

- Object detection is a computer vision solution that identifies objects, and their locations, in an image.



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# Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks

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**Shaoqing Ren\***   **Kaiming He**   **Ross Girshick**   **Jian Sun**

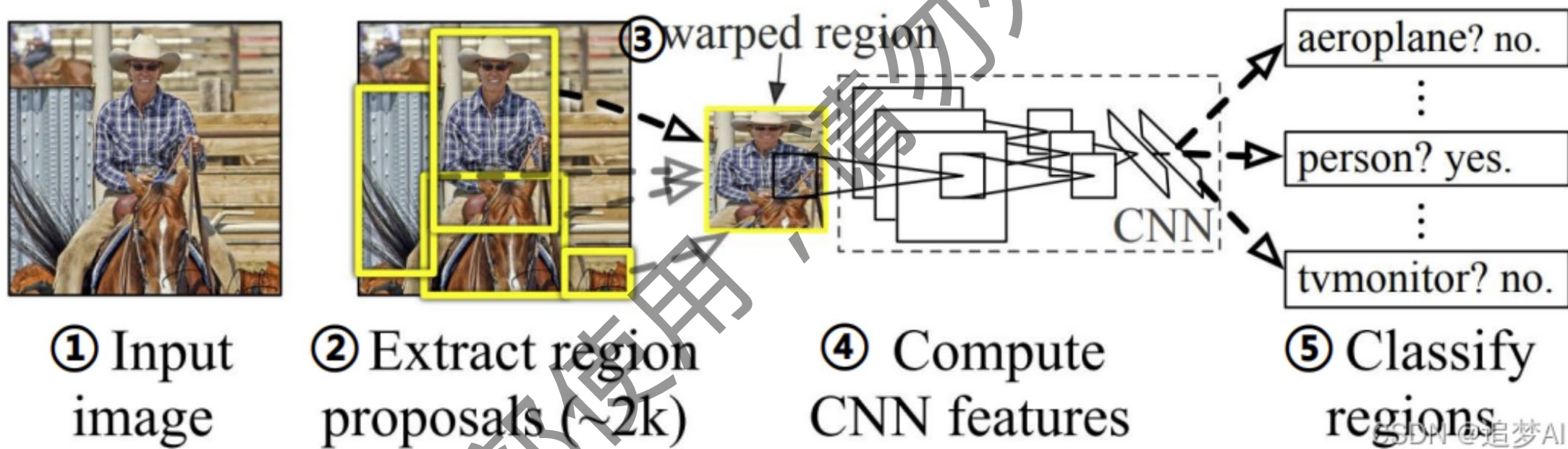
Microsoft Research

{v-shren, kahe, rbg, jiansun}@microsoft.com

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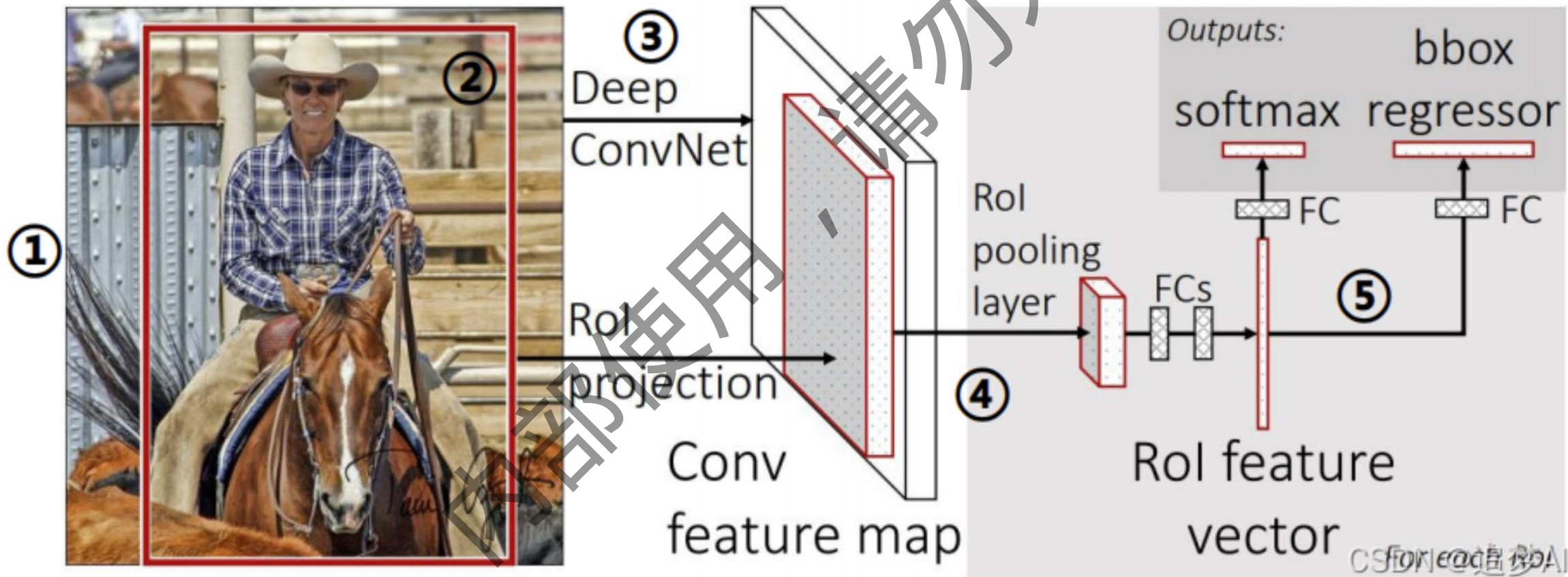
\*Shaoqing Ren is with the University of Science and Technology of China. This work was done when he was an intern at Microsoft Research.

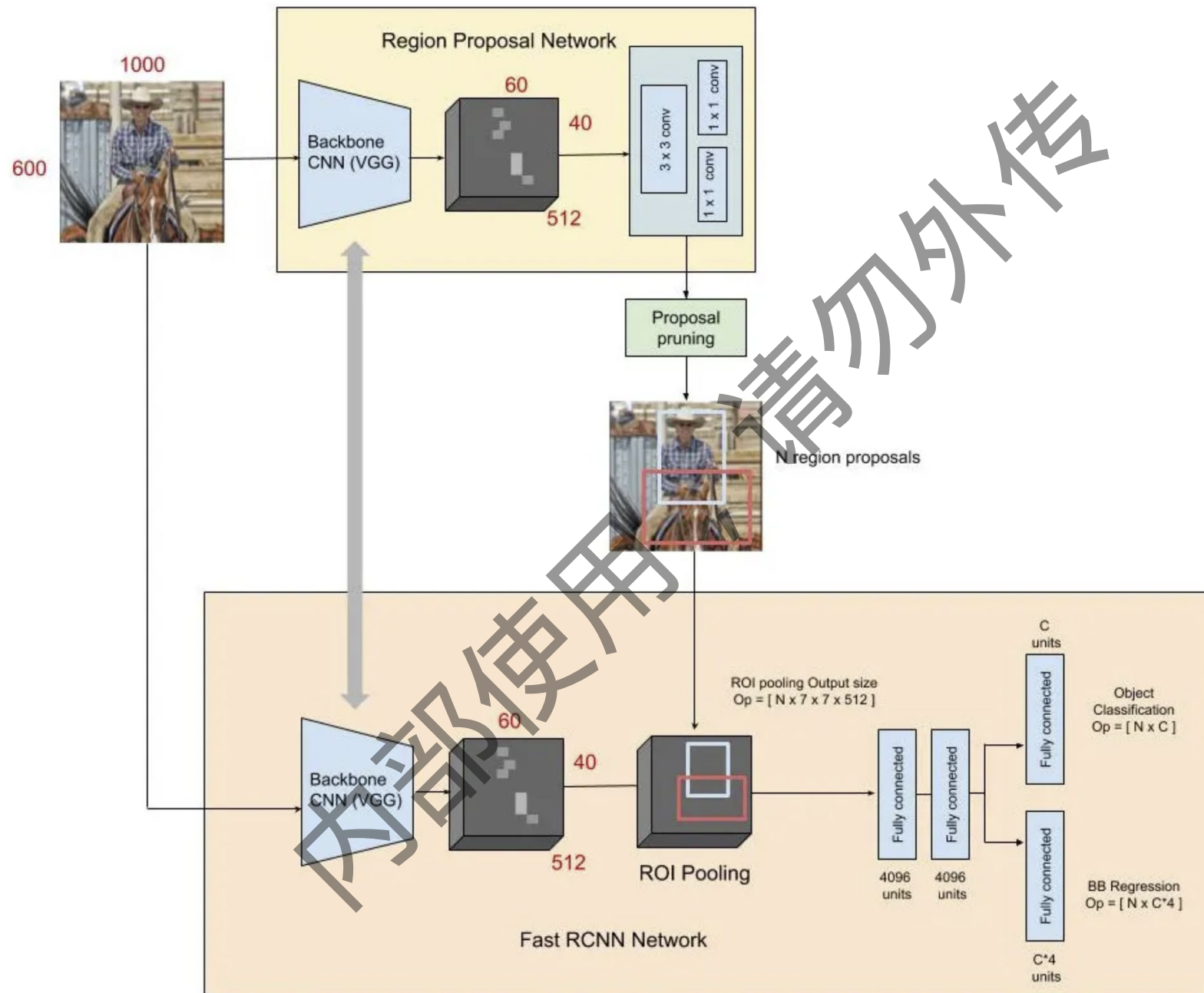
# RCNN 2013

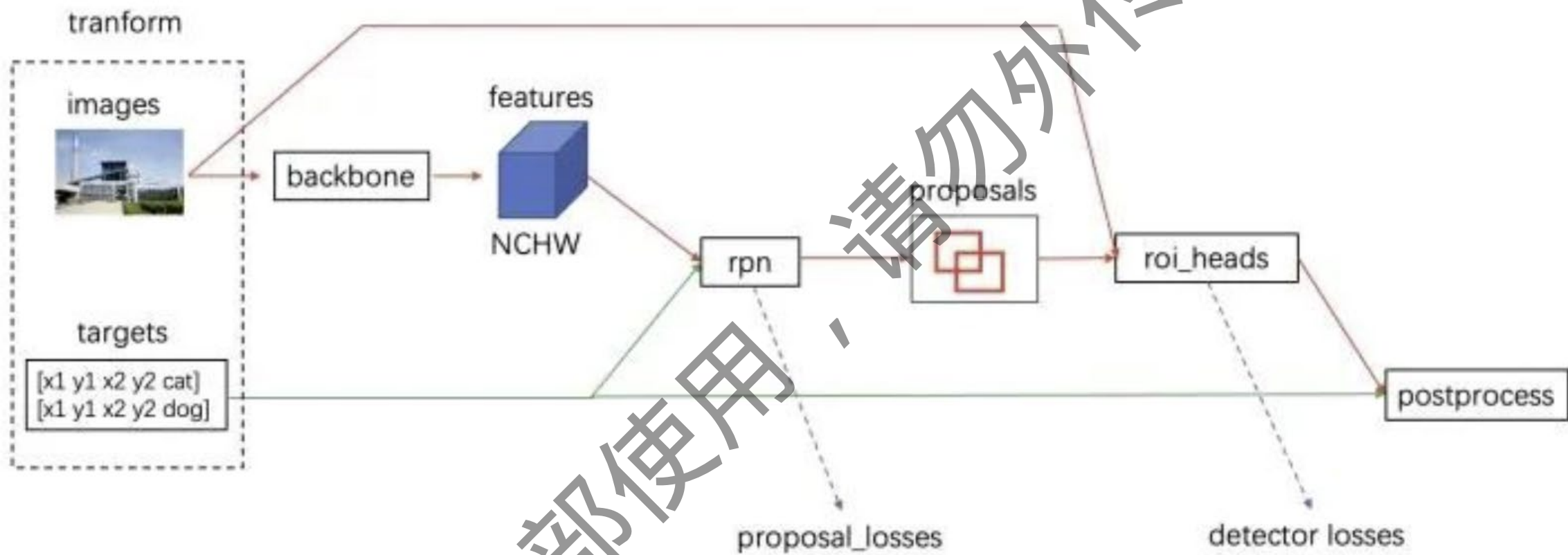




# Fast RCNN







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