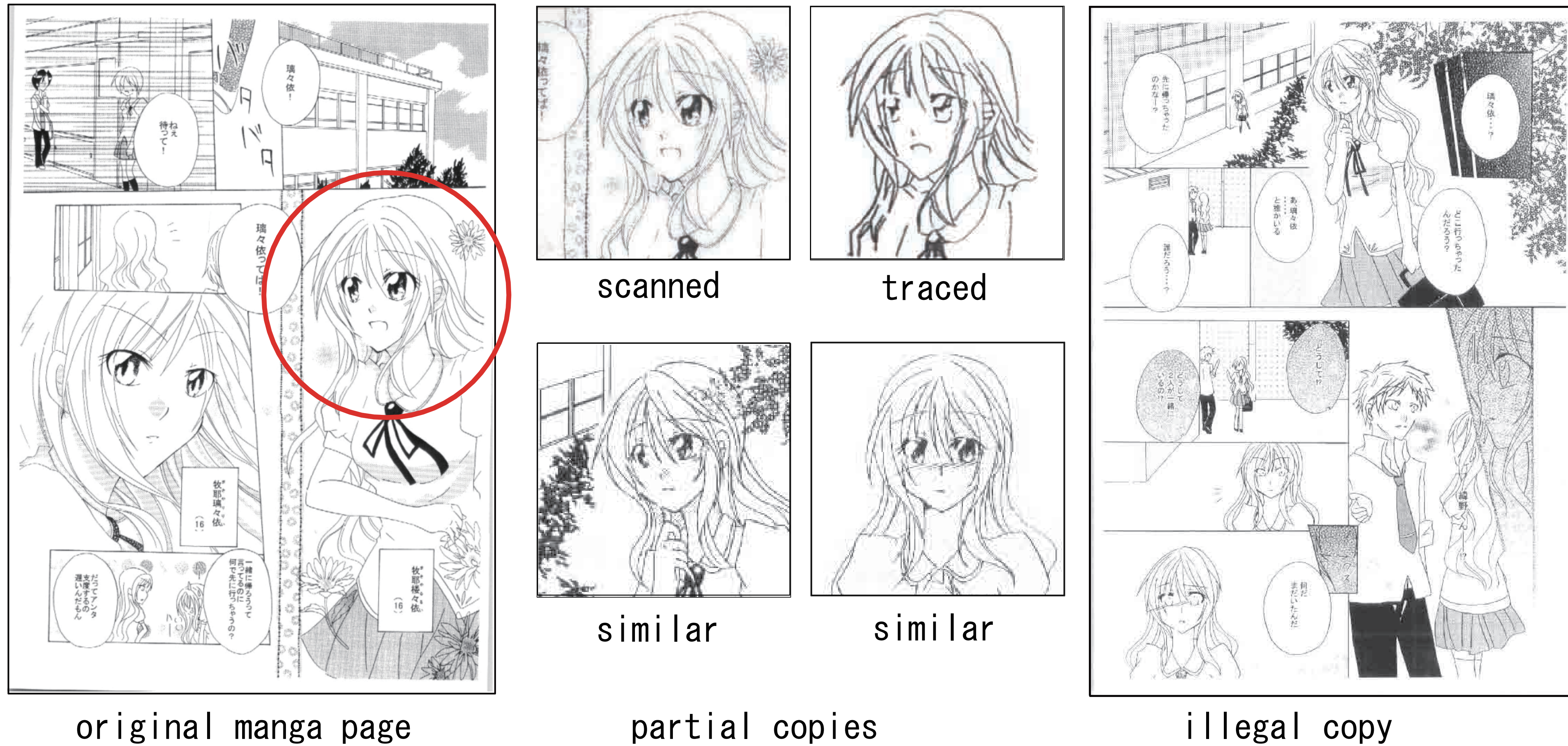


# Copyright Protection of Manga Using Content-based Image Retrieval Methods

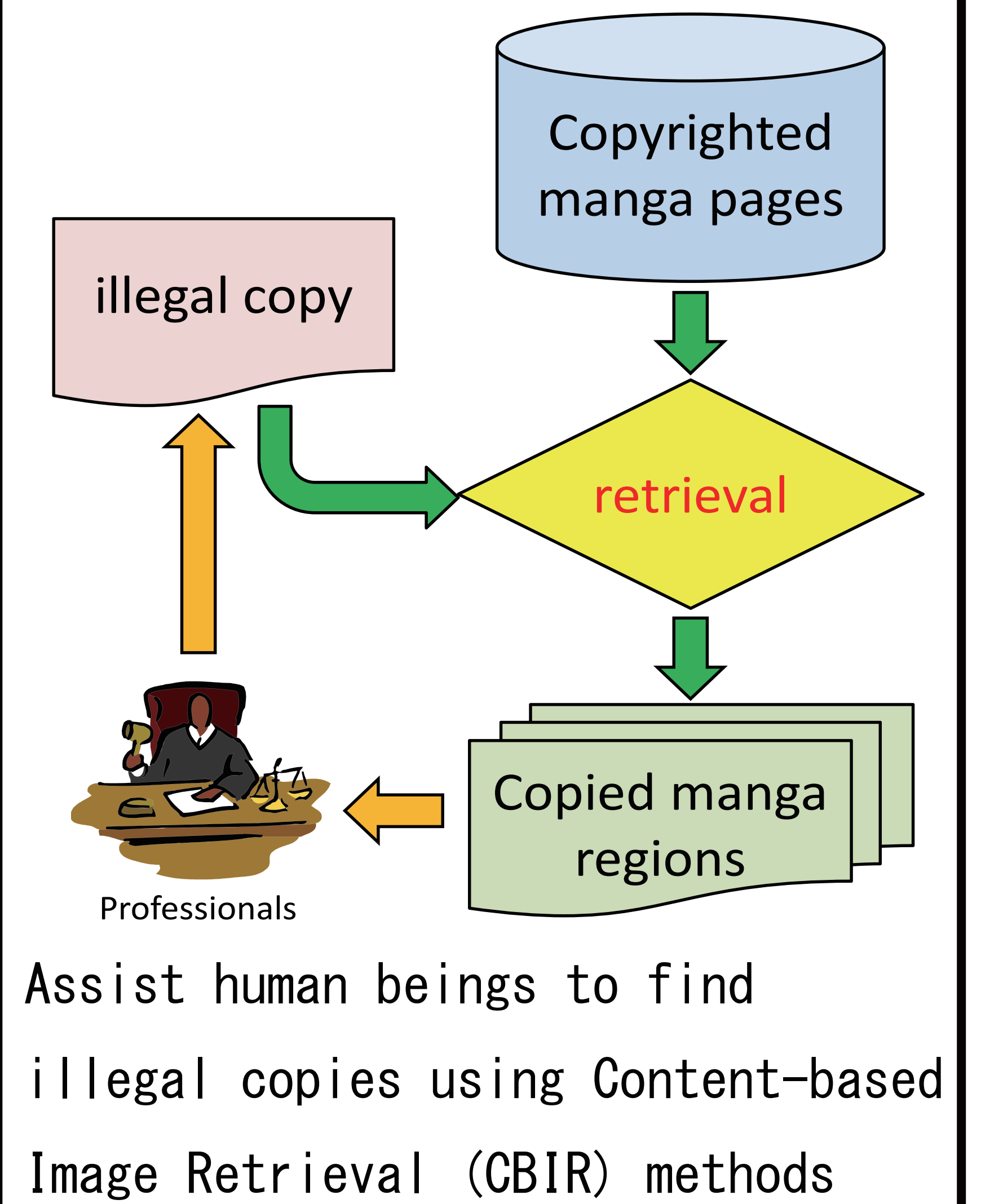


W. Sun, K. Kise (advisor)  
Graduate School of Engineering, Osaka Prefecture University

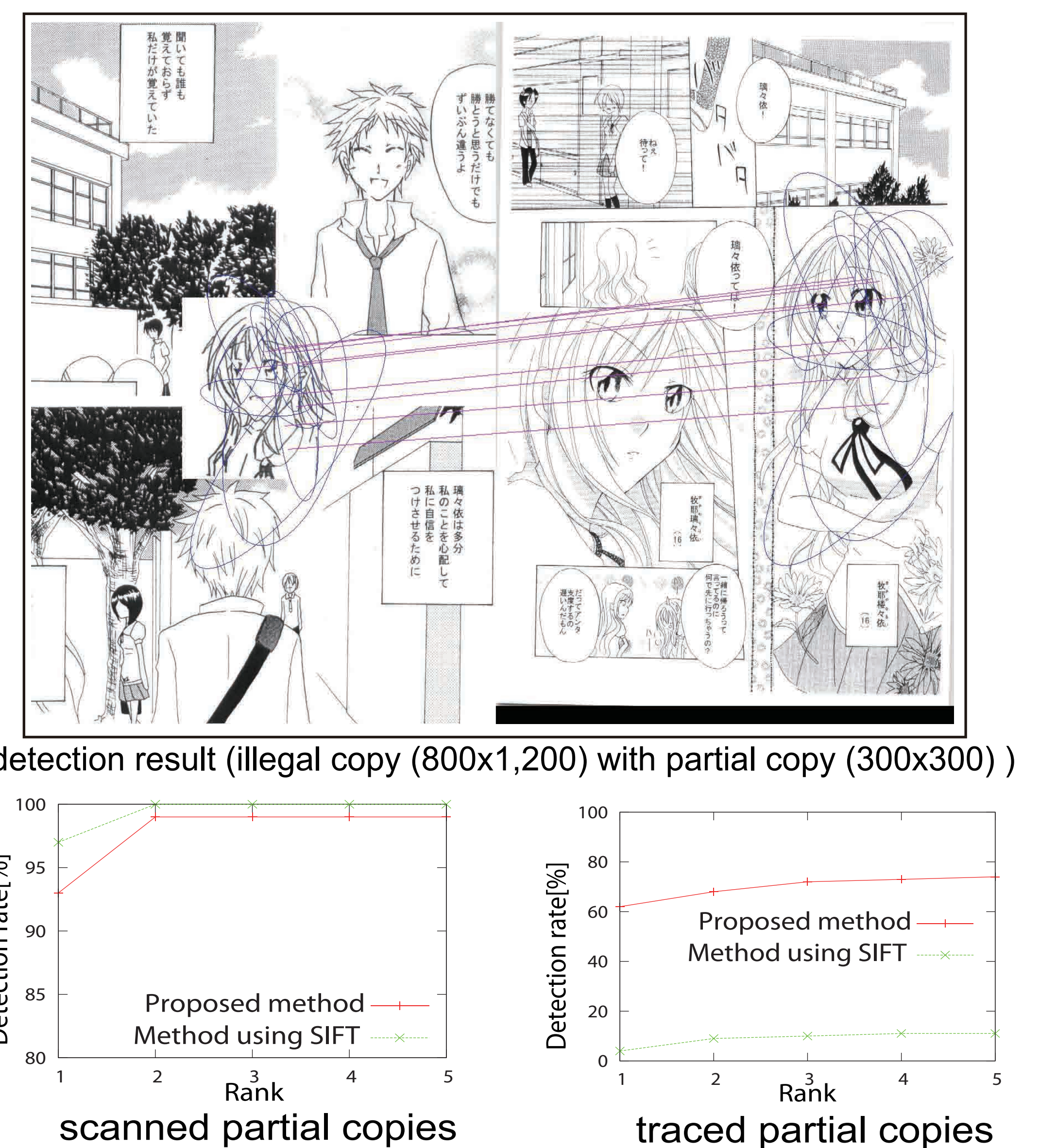
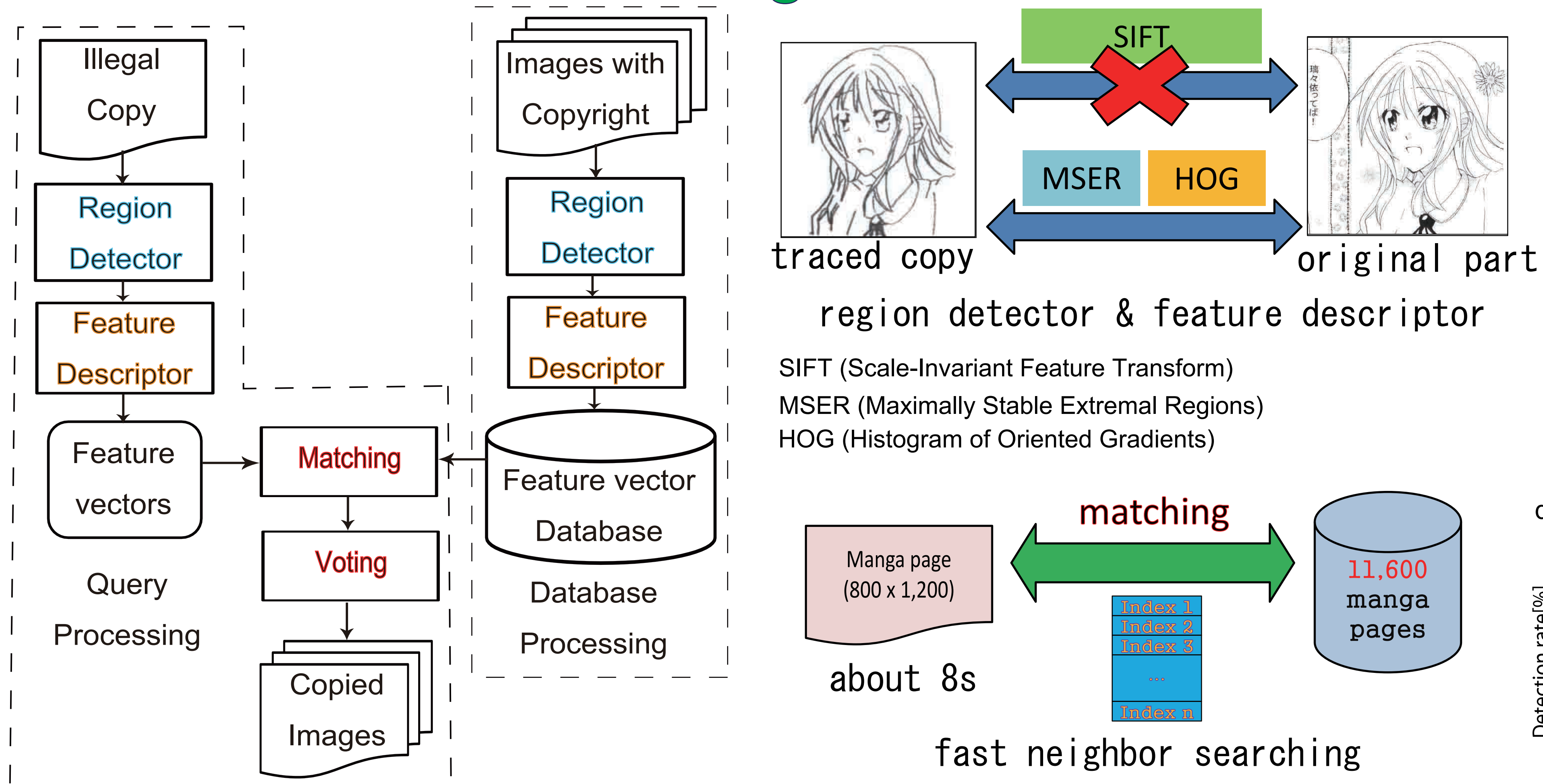
## Problem



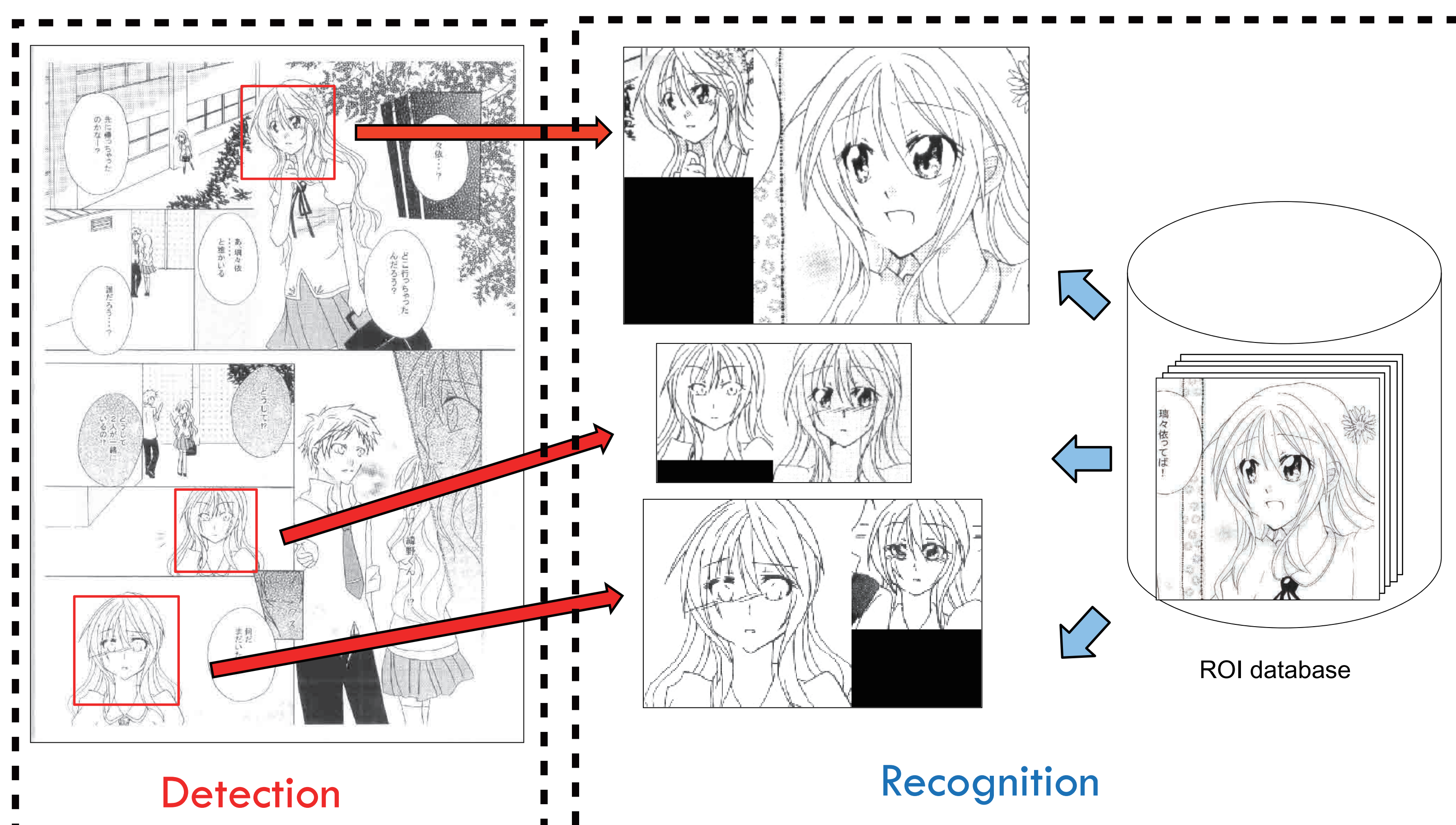
## Solution



## Local feature matching



## Similar ROI retrieval



Detection: Viola-Jones detection framework trained for faces of manga characters.

## Recognition: Concentric Multi-Region Mode

