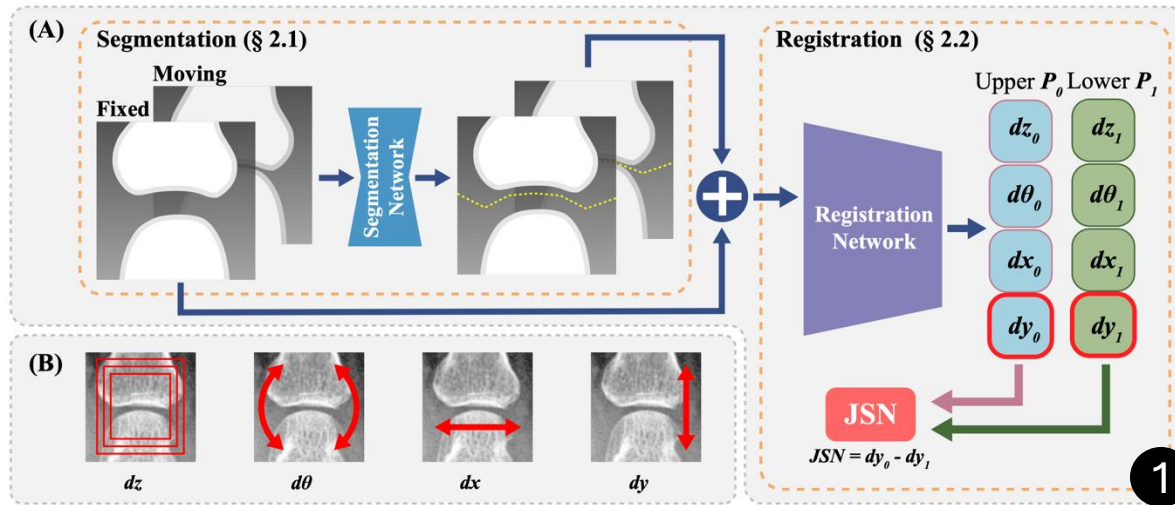
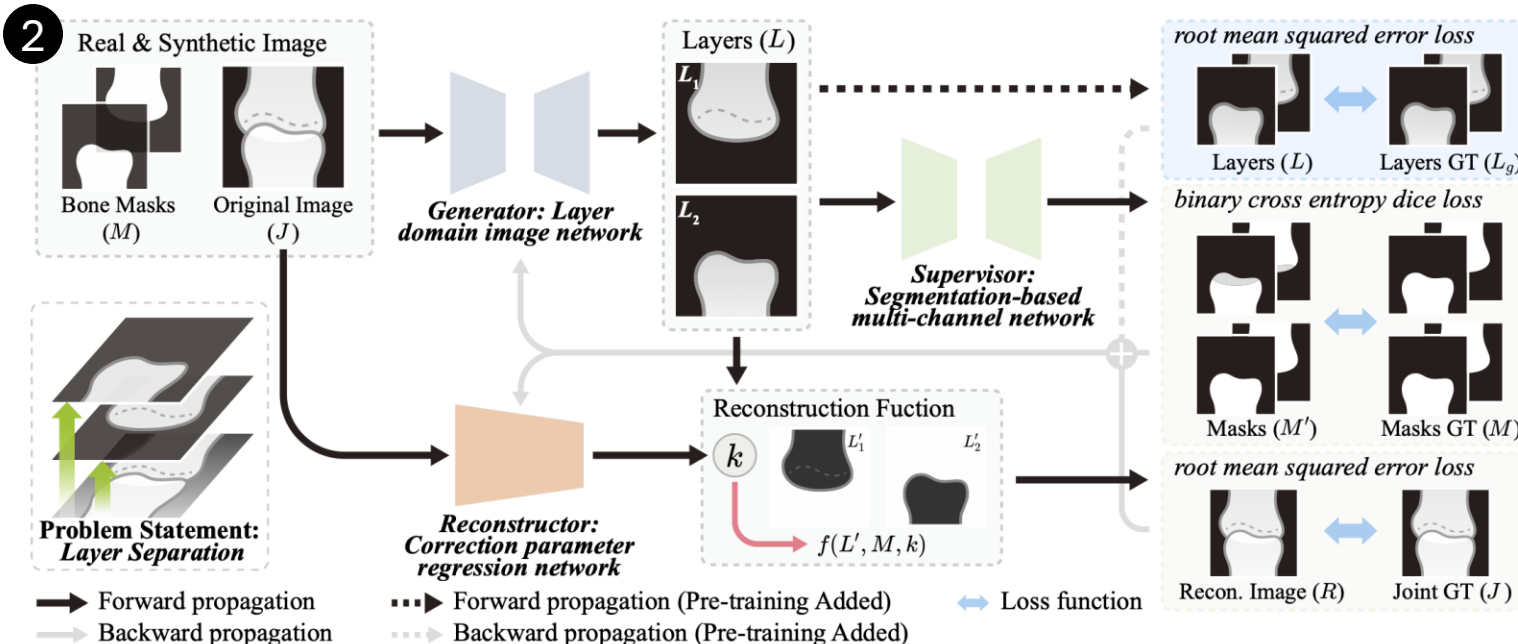


A Deep Learning Framework for Accurate Quantification of Joint Space Narrowing Progression in Rheumatoid Arthritis



(1) Deep Registration: Based on deep image registration, achieve high-precision and high-stability quantification of JSN progression.

(2) Layer Separation (BLS-GAN): Generate bone layer domain image based on a single X-ray finger joint image and eliminate bone overlaps.



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