

Eyequation: App for Evaluating Printed Mathematical Expressions

Nico Chaves, Noam Weinberger

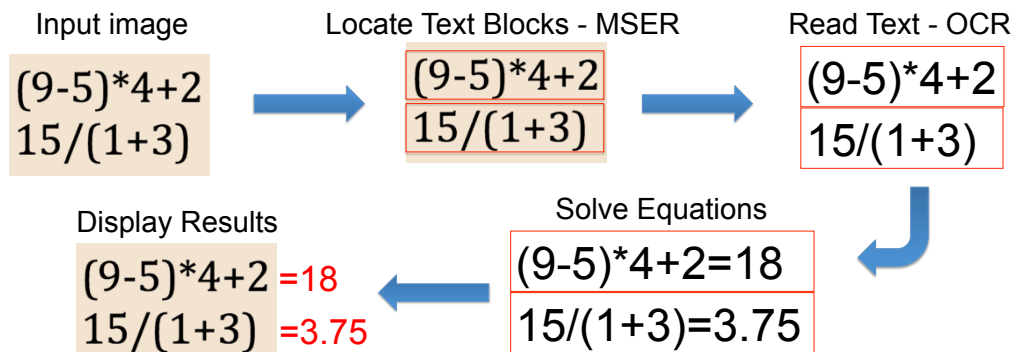
Department of Electrical Engineering, Stanford University

Features

- Detects, reads, and solves equations
- Displays solutions
- Color-coded bounding boxes show progress
- Works on multiple equations at different scales



Equation Evaluation Pipeline



Try it out!

$$5 + 2$$

$$3 - 12$$

$$6 \times 6$$

$$22 / 7$$

$$(9 - 5) \times 4 + 8$$

$$(43 - 17) / 2$$

Challenges/Future Work

Skew

Handwriting

$$9 + 8$$

$$11 + 4$$