

LITERATURE SURVEY

1] Microsoft Math solver:

Microsoft Math Solver app is used for solving variety of problems including arithmetic, algebra, trigonometry, calculus, statistics and other topics using an advanced AI.

Advantages:

- The image recognition is good in this app.
- It also recognizes mathematical solution.
- It is simple and very easy to use
- The handwriting detection of this app is good.
- This app scans and get the right numbers even in the bad lighting.

Disadvantages:

- This app is mostly used for solving mathematical equations but not for digit recognition.
- This app sometimes show wrong results.
- This app get slower when the target frame is resized.

2] Google Lens:

Google Lens app translate words, identify plants, find products and more using camera. This app is used to scan and translated text, QR codes and bar codes.

Advantages:

- This app scans and translated text.
- This app is very responsive to photos.
- It translates the input photos accurately.
- It recognizes the handwritten text accurately.

Disadvantages:

- This app is not specially meant for digit recognition.
- This app has slow scanning process.