



# ~Ball Tracking~

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## Motivation

~ It is technology time and any person use more and more new devices, so by using my project you can easily find some objects. It is just initial version of some really difficult project in the future

## Technique

- 1) information about the ball at each instant "t".
- 2) modify the color(it is blue by default).
- 3) tracking ball by using "Kalman Filter"
- 4) view results

$$\begin{array}{l} 2 > -3 \\ 0.999... = 1 \\ \pi \approx 3.14 \\ \sqrt{2}^{1+2 \cdot 3} \\ 5(2+2) \\ 101_2 = 5_{10} \end{array} \quad \begin{array}{l} \infty \\ \times \\ \div \\ 5^2 \\ (1-2)+3 \end{array}$$

## Related Work

~ The tracking uses  
"Kalman Filter" mathematical tool:

[Wikipedia has a good page about Kalman filter](#)

## Experimental Results

