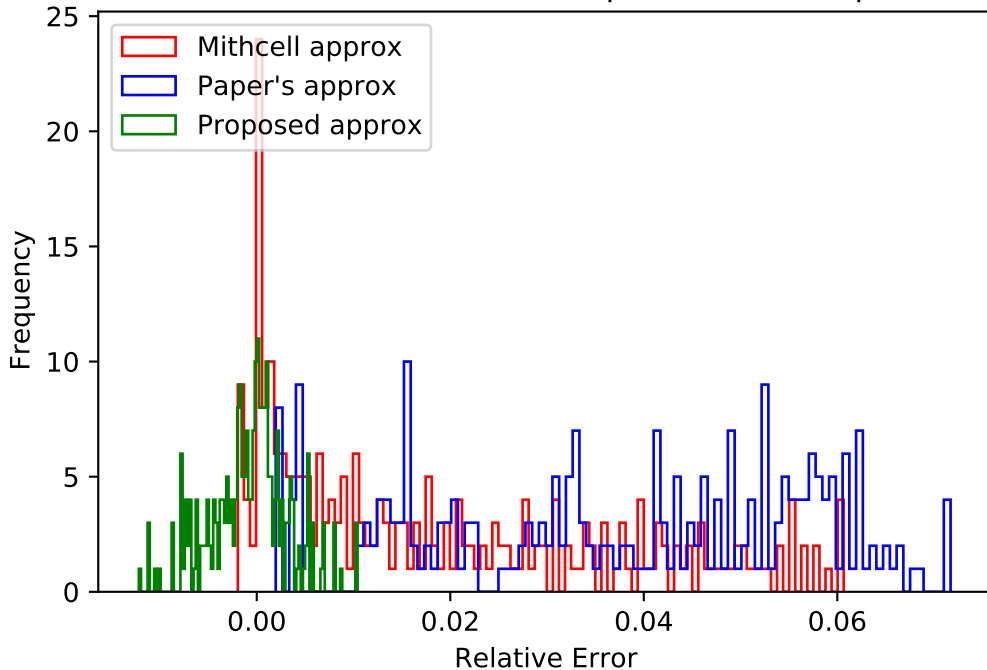


Relative Error Distribution of Square Root Computation



Original Mithcell approx (without correction), red line
Expectation (Mean): 0.01856248354676139
Standard Deviation (Sample): 0.018166560381504087
Standard Deviation (Population): 0.018130904683968968
=====

Approx in paper, blue line
Expectation (Mean): 0.03762336915691819
Standard Deviation (Sample): 0.019292856721471432
Standard Deviation (Population): 0.019254990430362766
=====

Proposed approx, green line
Expectation (Mean): -0.0007560677184860137
Standard Deviation (Sample): 0.004107240874964829
Standard Deviation (Population): 0.004099179550461665
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