## ROOT MEAN SQUARE

-> useful for collectating OC ecceivalent for AC voltage/conert.

## methodi

- 1) square f(x) to make everything positive
- 2) find average value under corne 3) Sort to concel square.



$$V_{eff}(t) = \int_{-T}^{T} \int_{0}^{T} 36 \cos^{2}(2000 \pi t) dt$$