

## Optimization Algorithms

## RMSprop

## RMSprop W, Wz, W2 On iteration t: Compute dw. db on count Mini-both Saw = B2 Saw + (1-P2) dw? = small $\Rightarrow$ Sab = $\beta_2$ Sab + $(1-\beta_2)$ $db^2$ < large W:= W- & dw < b:= b-2 db < Sab+ <= Z=10-8

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