RMS POOP Optimizes

	3	
(Sample Li)	zia.	419
1	0-2	3-4,
2	0.4	3-8
3	0.6	20-2
4	0.8	Lp.6

Step 1: (x,y), y=0.1 epochs=2, m=1, c=1, 2=0.9, $E=10^{-8}$

step 2: its=1

Step 3: Sample =1

Step 4: 3m = -(3.4 - Ci)(0.2) + i)(0.2) = -0.849c = -(3.4 - Ci)(0.2) + i) = -4-2.

Step 5: $Em = (0.9)(0) + (1-0.9)(-0.84)^2 = 0.07$ $E_{C} = (0.9)(0) + (1-0.9)(-1+.25^2 = 1.764)$

Step 6: $Dm = \frac{-0.1}{\sqrt{0.07 + 10^{-8}}} + (-0.84) = 0.31$ $DC = \frac{-0.1}{\sqrt{1.764 + 10^{-8}}} + (-4.2) = 0.31$

Step 7: m=m+ sm= 1+0.31 = 1.31 C=C+ &C = -1+0.31 = -0.69

Step-8; Sample = 1+1=2

step 9: 5/2 (Sample -ne) 2>2 Step 4: 3m = -[3.8 - (1.31)(0.4) + 0.69](0.4) 3m = -1.5 3c = -[3.8 - (1.31)(0.4) + 0.69]3c = -3.9

Step 5: En = $(0.9)(0.07) + (0.1)(-1.5)^2 = 0.22$ $E_c = (0.9)(1.76) + (0.1)(-3.9)^2 = 3.1$

Step 6: $\Delta m = \frac{-0.1}{\sqrt{0.28 + 10^2}} \times -1.5 \approx 0.28$

DC = -0.1 53.1+10-2 x -3.9 = 0.22

Step 7: m = m + 2m = 1.31 + 0.28 = 1.59C = C + 8C = -0.69 + 0.22 = -0.47

Step 8: Lample = 2+1=3

Step 9: if (sample > ns)

Step 10: it's = it's +1 = 1+1 = 2

Step 11: if (itr > epoch).

Step 3: sample = 1

Step 4: $g_m = -(3.4 - (1.54)(0.2) + 0.44)(0.2)$ $g_m = -0.7$ $g_c = -(3.4 - (1.54)(0.2) + 0.47)$ $g_c = -3.5$ Cter 5: $E_{m} = (0.0)(0.20) + (0.1)(-0.7)^{2} = 0.3$ $E_{c} = (0.4)(3.1) + (0.1)(-3.5)^{2} = 4.0$

Stop 6: Dm = -0.1 Jo. 3 +10 2 x -0.7 = 0.12

 $\Delta C = \frac{-0.1}{54.0 + 10^{-8}} \times -3.5 = 0.17$

Stop 7: m= m+ Dm = 1.51 + 0.12=1.71. C=C+DC = 0.67 + 0.17 = -0.3

ster &: Sample = Sample +1 = 1+1 = 2

Step 9: If (Sample > hs)
2 > 2

Step 14: $g_{m} = -\left(3.8 - (1.71)(0.14) + 0.3\right)(0.14)$ $g_{m} = -1.4$ $g_{c} = -\left(3.8 - (1.71)(0.14) + 0.3\right)$ $g_{c} = -3.6$

Steps: $E_{n} = (0.4)(0.3) + (0.1)(-1.4)^{2} = 0.46$ $E_{c} = (0.9)(04.0) + (0.1)(-3.6)^{2} = 4.89$

Step 6: Dm = $\frac{-0.1}{50.46 + 10^{-2}} * -1.4 = 0.2$ $\Delta C = \frac{-0.1}{54.81 + 10^{-2}} * -3.6 = 0.16$

Step7: M=m+om=1.71+0.2=1.91 C=C+xc=-0.2+0.16=-0.14

Step 8: Sample = Sample +1 = 2+1=3

Sty 9: if (sample > hs)

Sty 10: ito = Hx+1 = 2+1 =3

Step 11: IF (its > epoch)

Step 12: m=1.91

1 5 5 1 7 1 4 14 2 19 0 2 6 3 19 0 1 5 5 12 12 Kill office of the state of

Control (San Harry) with the spirit

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