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	CS-E4850 COMPUTER VISION
	03- L 1600 WITH WILL TISTUT
	Exercise Round 8
Exercise 1	
- NUCISO 1	
a) Run	the notebook
	the notebook with different input ('obama')
()	
Most	t of the features are not tracked very long in part by proble the camera rotates and the movement is quite past. The
Decause	e the camera rotates and the movement, is quite fast. In
Tolation	ns and fast movements may compromise the key assumptions of
optical	flow: small motion & sportial coherence.
1 4	adeal will and will be the making an alities of
a) In	order to avoid gradually losing the features, one solution is to
a and	rold was a lad the soul of the will a
avoid	rapid movements in short time periods so that the model can
have e	rapid movements in short time periods so that the model can mough time to leave new features. In addition to that, trying to
have e minimiz	rapid movements in short time periods so that the model can mough time to leave new features. In addition to that, trying to see the leaving time or increasing the processing speed so that it
have a minimize	rapid movements in short time periods so that the model can mough time to leave new peatures. In addition to that, trying to see the learning time or increasing the processing speed so that it seep up with the fast movements. Some adjustments to the met
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	Substituting these calculated values into equation @;
	$ \begin{array}{c c} $
	ΣI, Ix ΣIx Iy u = Σ Ix [T(x) - I(ν(x,p))] ΣIy 1x ΣIy Iy v = x [Iy [T(x) - I(ν(x,p))]
Note	that the paper's notation of $T(x)$ means $T(x,y,t-1)$ T(W(x;p)) means $T(x,y,t)from the slides \Rightarrow T(x) - T(W(x;p)) = -Tt$
H.	ence, equation @ can be rewritten as:
	ΣINIX ΣINIY U = Σ IX [-It] = - ΣINIT ΣIYIX ΣIYIY V = X IY Ty Ty Ty Ty Ty Ty Ty T