

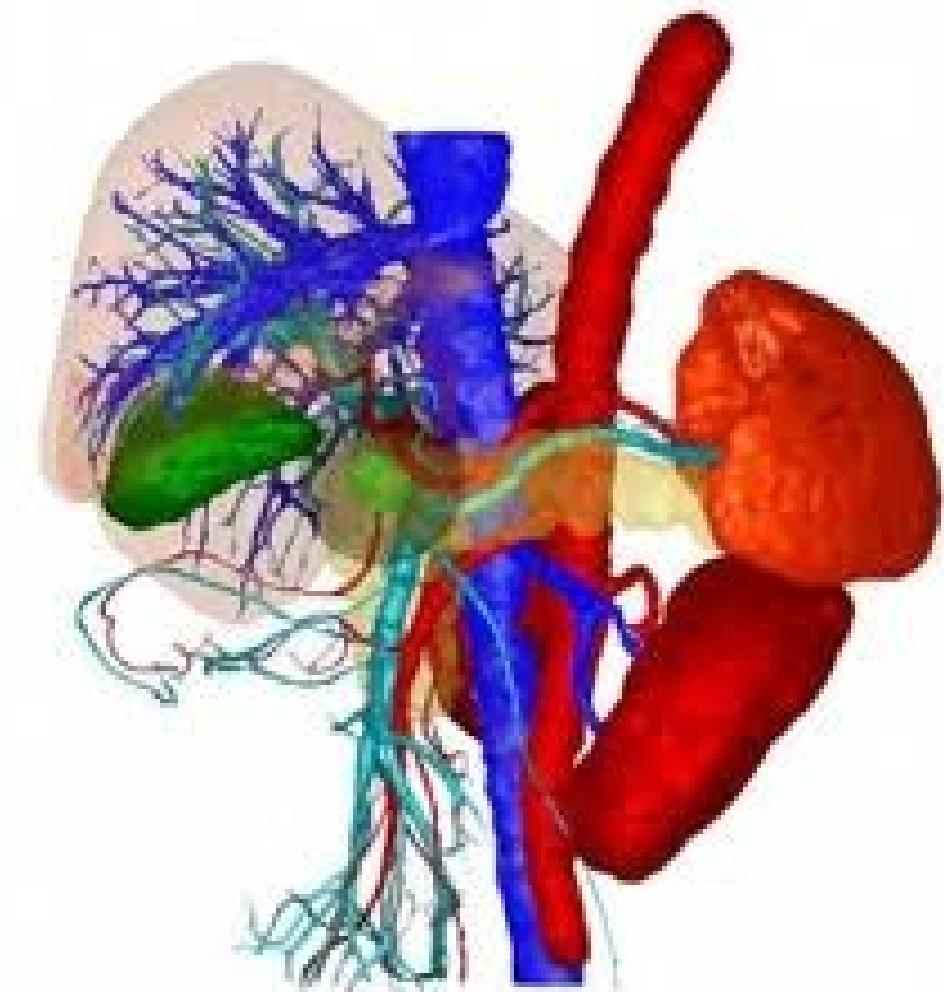
Why Computer Vision?

by
Alessandro Ferrari





Impatto in Applicazioni Cliniche



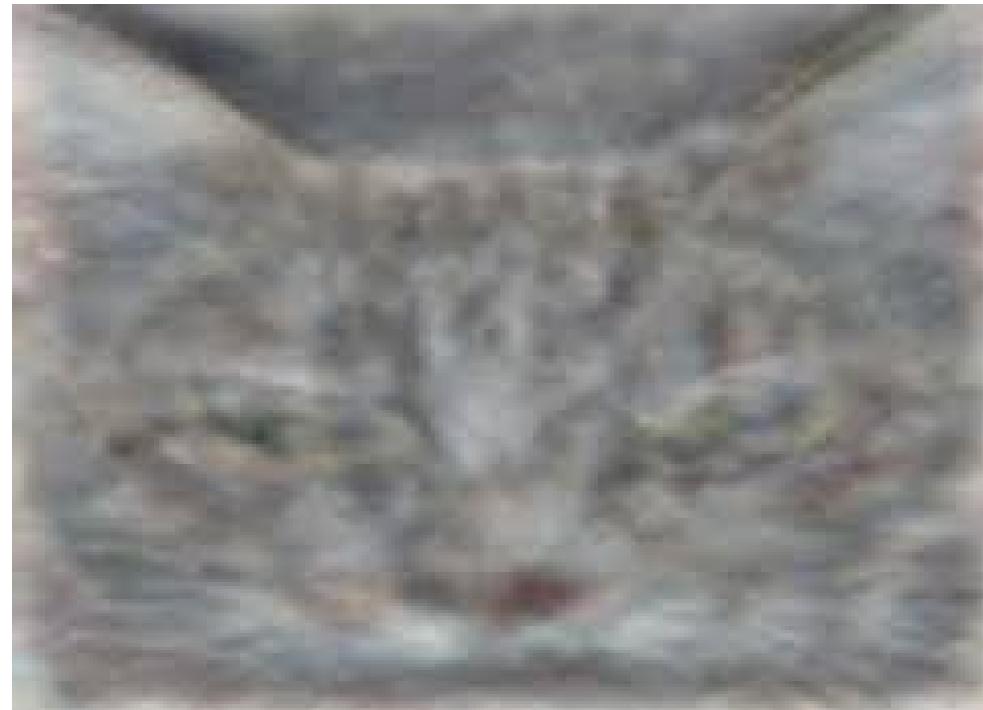
Impatto in Applicazioni Industriali



Impatto nell'assistenza ai diversamente abili



Big G Cat



Fatevi un amico robottista....



**Perchè la computer vision
si sta sviluppando così
velocemente?**



1 PetaFlop ad una
manciata di euri!

**E pensare che era partito tutto da
Lena**





Ed oggi invece...



The open annotation tools!
Più di 50000 immagini annotate!

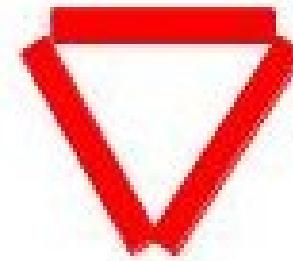
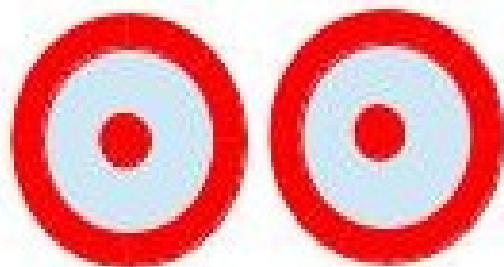
- Chi le annota?
- La community
&

Il Mechanical Turk di Amazon!

- E' affidabile?
- Ovvio!









scikit-image
image processing in python



Foto panorama.

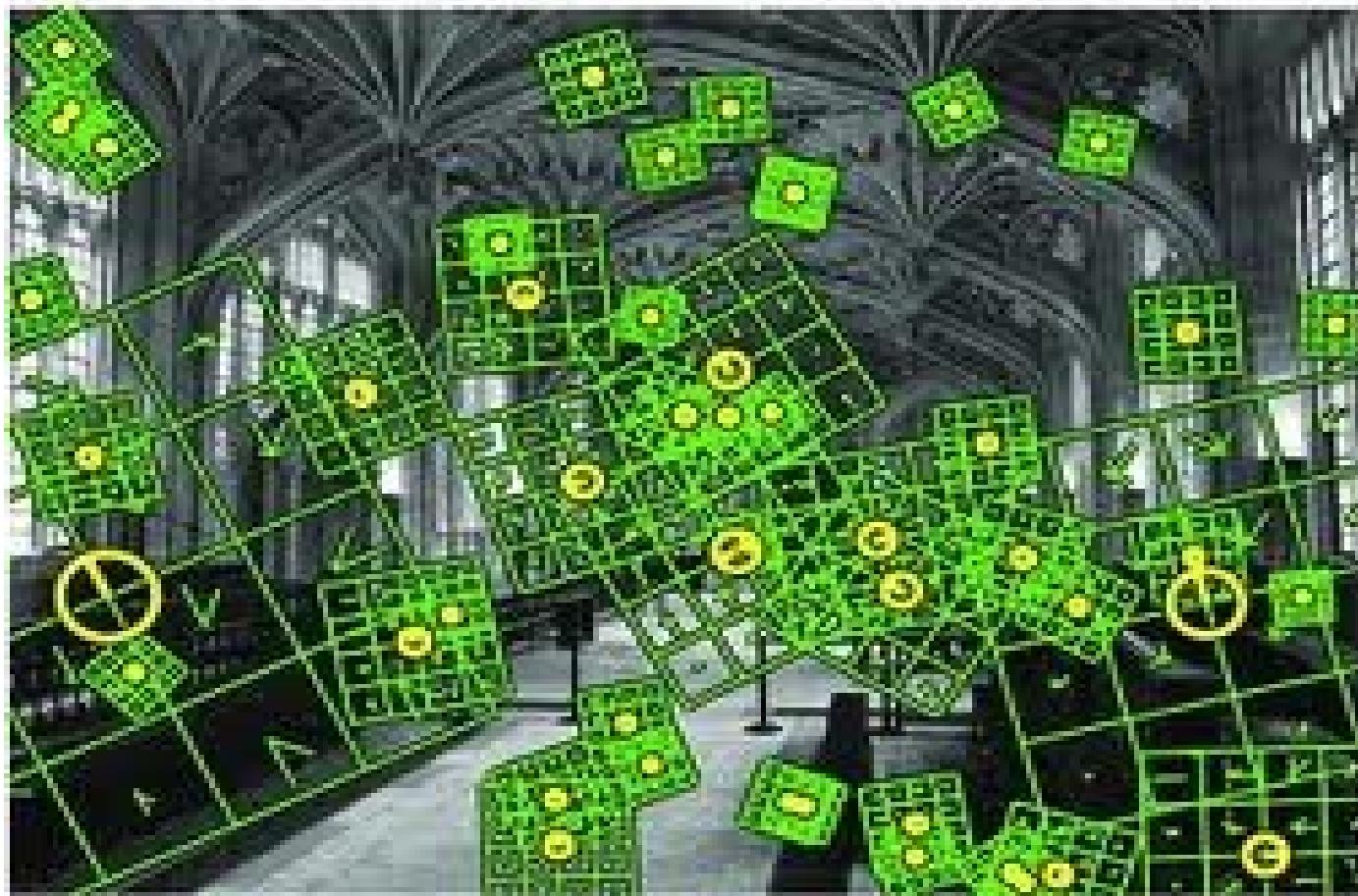
Stato dell'arte.

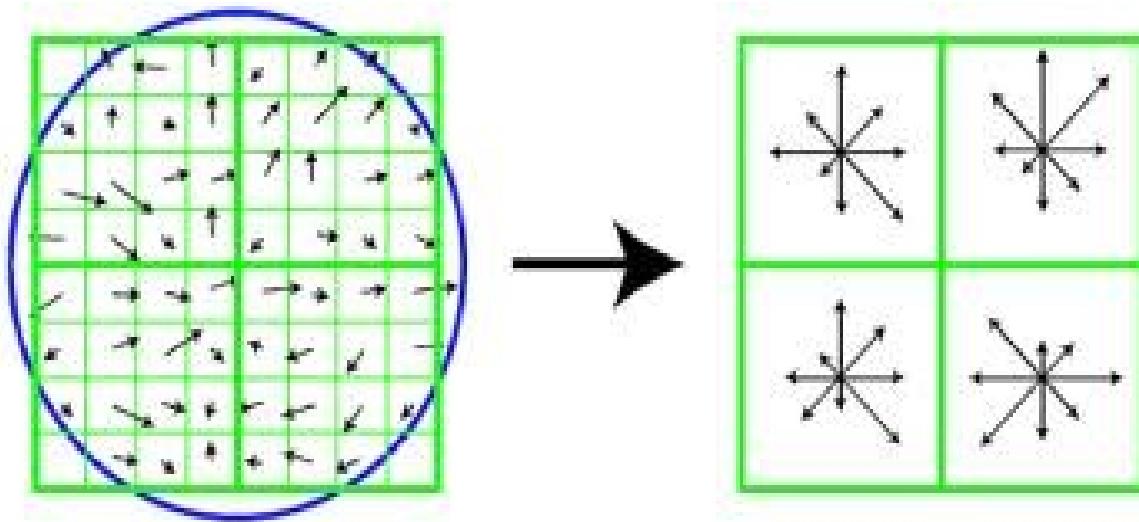


pyImageStitching

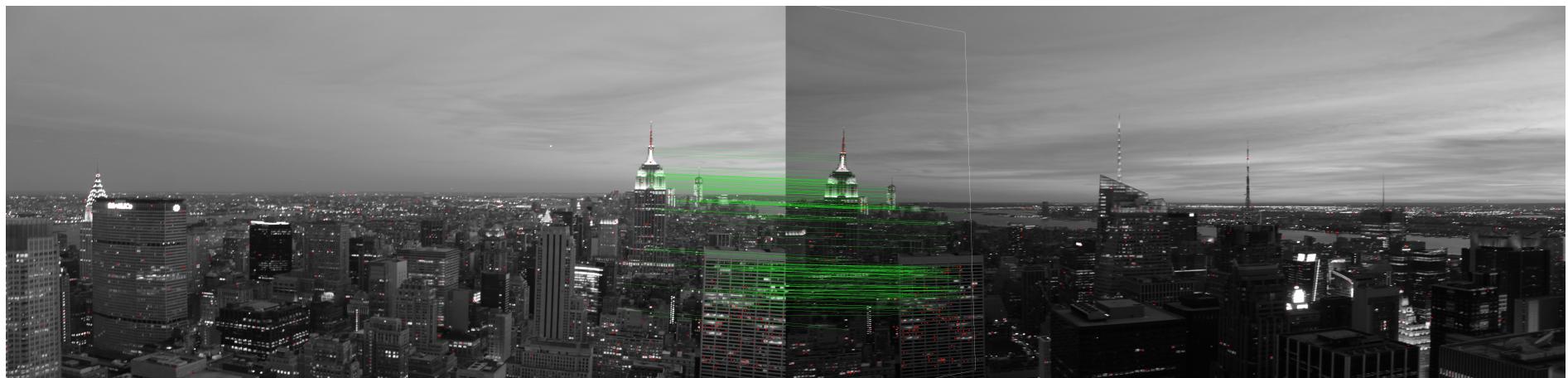


Sift computation





Features matching: Fast Linear Approximate Nearest Neighbours (Flann)





Outliers discarding: Random Samples Consensus (RANSAC)



Voillà

git clone

<https://github.com/alessandroferrari/pyImageStitching.git>

pyImageStitching

Grazie!

**Domande?
Dubbi?
Perplessità?
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**Insulti?
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