

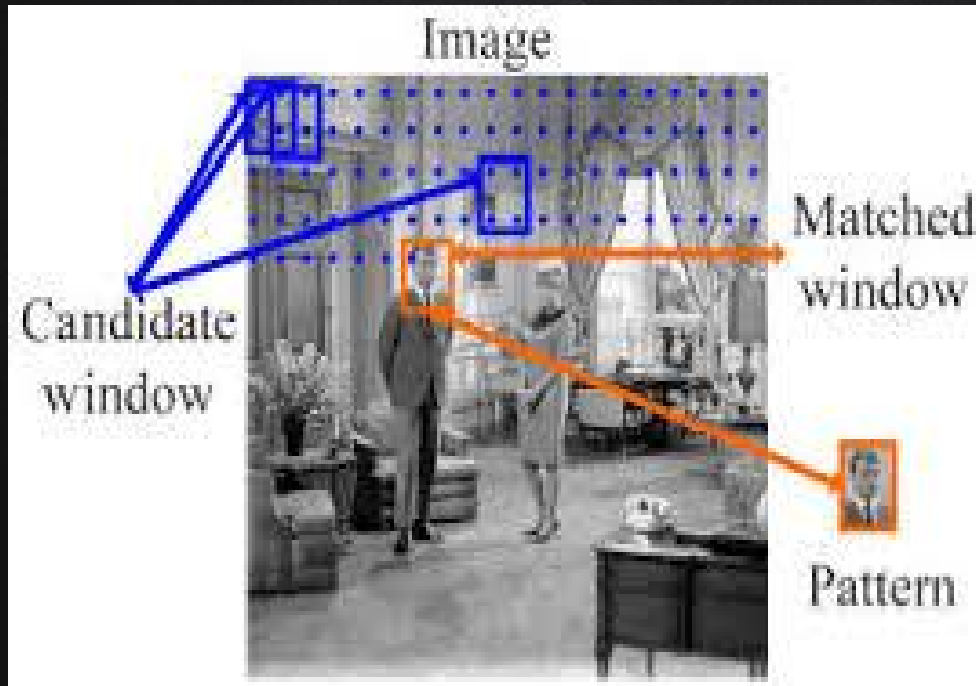


PATCH MATCHING





WHAT IS PATCH MATCHING ?



Find the Patch
correspondence using
nearest-neighbour field
(NNF)



MOTIVATION: Interactive Image editing tools

- Object Removal from Image
- Reshuffling or moving Contents
- Changing Aspect Ratios.



PROBLEM STATEMENT

Fast Implementation of Patch Matching
algorithm and Object Removal tool
development.





20-100x

Whoa! That's a big number, aren't you proud?

CONNELLY BARNES, ELI SHECHTMAN, ADAM FINKELSTEIN, AND DAN B GOLDMAN. PATCHMATCH: A
RANDOMIZED CORRESPONDENCE ALGORITHM FOR STRUCTURAL IMAGE EDITING. ACM TRANSACTIONS
ON GRAPHICS (PROC. SIGGRAPH)



THANKS!

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