

eq o r n g v g " Q E T " u { u v g o 0 "

Cempq y n g f i g o g p v "

V j k u " r c r g t " k u " u w r r q t v g f " d { " v j g " O k p k u v t { " q h " G f w e c k v k p p . " U e k g p e g " c p f " V g e j p q n q i k e c n " F g x g n q r o g p v " q h " v j g " T g r w d n k e " q h " U g t d k c " * R t q l g e v " K K K 6 6 2 2 8 / 3 2 + . " O c v j g o c v k e c n " K p u k v w y g " q h " U g t d k c p " C e c f g o { " q h " U e k g p e g " c p f " C t v u " * U C P W + . " c p f " V j g " " N i k o l a T e s l a M u s e u m " (p r o v i d i n g o r i g k p c n " v { r g y t k w g p " f q e w o g p v u " q h " P k m q n c " V g u n c + 0 "

T G H G T G P E G U "

[3]_ D q w t d c m k u . " P 0 . " R g t g k t c . " P 0 . " O g t v q i w p q . " U 0 . " " H a r d w a r e d e s i g n o f a l e t t e r - d r i v e n O C R a n d d o c u m e n t p r o c e s s i n g s y s t e m " . " L q w t p c n " q h " P g v y q t m " c p f " E q o o w p k e c v k p p . " X q n 0 " 3 ; . " P q 0 " 5 . " 3 ; ; 8 . " r r 0 " 4 9 7 / 4 ; 6 0 "

[4]_ O c q . " L 0 . " O q j k w f f k p . " M 0 " O 0 . " " I m p r o v i n g O C R p e r f o r m a n c e u s i n g c h a r a c t e r d e g r a d a t i o n m o d e l s a n d b o o s t i n g a l g o r i t h m " . " R c w g t p " T g e q i p k v k p p " N g v g t u . " X q n 0 " 3 ; . " P q 0 " 3 3 / 3 5 . " 3 ; ; 9 . " r r 0 " 3 6 3 7 / 3 6 3 ; 0 "

[5]_ P c o c p g . " C 0 . " I w g u u q w o . " C 0 . " U q w d c t k . " G 0 " J 0 . " O g { t w g k u . " R 0 . " " C S M n e u r a l n e t w o r k f o r d e g r a d e d p r i n t e d c h a r a c t e r o p t i c a l r e c o g n i t i o n " . " L q w t p c n " q h " X k u w c n " E q o o w p k e c v k p p " c p f " K o c i g " T g r t g u g p v c v k p p . " X q n 0 " 4 7 . " P q 0 " 7 . " 4 2 3 6 . " r r 0 " 3 3 9 3 / 3 3 ; 8 0 "

[6]_ T c | | c m . " O 0 " K 0 . " C p y c t . " H 0 . " J w u c k p . " U 0 " C 0 . " D g n c k f . " C 0 . " U j g t . " O 0 . " " H M M a n d f u z z y l o g i c : A h y b r i d a p p r o a c h f o r o n l i n e U r d u s c r i p t - b a s e d l a n g u a g e s ' c h a r a c t e r r e c o g n i t i o n " . " M p q y n g f i g / D c u g f " U { u v g o u . " X q n 0 " 4 5 . " P q 0 " : . " 4 2 3 2 . " r r 0 " ; 3 6 / ; 4 5 0 "

[7]_ H w l k u c y c . " J 0 . " " F o r t y y e a r s o f r e s e a r c h i n c h a r a c t e r a n d d o c u m e n t r e c o g n i t i o n - a n d i n d u s t r i a l p e r s p e c t i v e " . " R c w g t p " T g e q i p k v k p p . " X q n 0 " 6 3 . " P q 0 " : . " 4 2 2 : . " r r 0 " 4 6 5 7 / 4 6 6 8 0 "

[8]_ N w . " [0 . " " M a c h i n e P r i n t e d C h a r a c t e r S e g m e n t a t i o n - A n O v e r v i e w " . " R c w g t p " T g e q i p k v k p p . " X q n 0 " 4 : . " P q 0 " 3 . " 3 ; ; 7 . " r r 0 " 8 9 / : 2 0 "

[9]_ N w . " [0 . " U j t k f j c t . " O 0 . " " C h a r a c t e r s e g m e n t a t i o n i n h a n d w r i t t e n w o r d s - A n o v e r v i e w " . " R c w g t p " T g e q i p k v k p p . " X q n 0 " 4 ; . " P q 0 " 3 . " 3 ; ; 8 . " r r 0 " 9 9 / ; 8 0 "

[] _ O k p / E j w n . " L 0 . " [q p i / E j w n . " U 0 . " U t k j c t k . " U 0 " P 0 . " " M a c h i n e P r i n t e d C h a r a c t e r S e g m e n t a t i o n M e t h o d U s i n g S i d e P r o f i l e s " . " P r o c e e d i n g s o f I E E E S M C ' 9 9 C o n f e r e n c e q p " U { u v g o u . " O c p " c p f " E { d g t p g v k e u . " 3 ; ; ; 0 "

[] _ R c t m . " J 0 " E 0 . " Q m . " U 0 " [0 . " [w . " [0 " L 0 . " E j q . " J 0 " I 0 . " " A w o r d e x t r a c t i o n a l g o r i t h m f o r m a c h i n e - p r i n t e d d o c u m e n t s u s i n g a 3 D n e i g h b o r h o o d g r a p h m o d e l " . " K p v g t p c v k p c n " L q w t p c n " q p " F q e w o g p v " C p c n { u k u " c p f " T g e q i p k v k p p . " X q n 0 " 6 . " P q 0 " 4 . " 4 2 2 3 . " r r 0 " 3 3 7 / 3 5 2 0 "

[32]_ N c e g t f c . " G 0 " D 0 . " O g n n q . " E 0 " C 0 " D 0 . " " S e g m e n t a t i o n o f c o n n e c t e d h a n d w r i t t e n d i g i t s u s i n g S e l f - O r g a n i z i n g M a p s " . " G z r g t v " U { u v g o u " y k v j " C r r n k e c v k p p u . " X q n 0 " 6 2 . " P q 0 " 3 7 . " 4 2 3 5 . " r r 0 " 7 : 8 9 / 7 : 9 9 0 "

[33]_ [q w p g u . " O 0 . " C d f g n n c j . " [0 . " " S e g m e n t a t i o n o f A r a b i c H a n d w r i t t e n T e x t t o L i n e s " . " R t q e g f k c " E q o r w v g t " U e k g p e g . " K p v g t p c v k p c n " E q p h g t g p e g " q p " C f x c p e g f " Y k t g n g u u " K p h q t o c v k p p " c p f " E q o o w p k e c v k p p " V g e j p q n q i k e u " * C Y K E V " 4 2 3 7 + . " X q n 0 " 9 5 . " 4 2 3 7 . " r r 0 " 3 3 7 / 3 4 3 0 "

[34]_ I w r v c . " O 0 " T 0 . " L c e q d u q p . " P 0 " R 0 . " I c t e k c . " G 0 " M 0 . " " O C R b i n a r i z a t i o n a n d i m a g e p r e - p r o c e s s i n g f o r s e a r c h i n g h i s t o r i c a l d o c u m e n t s " . " R c w g t p " T g e q i p k v k p p . " X q n 0 " 6 2 . " P q 0 " 4 . " 4 2 2 9 . " r r 0 " 5 : ; / 5 ; 9 0 "

[35]_ Y w . " O 0 . " " G e n e t i c a l g o r i t h m b a s e d o n d i s c r e t e w a v e l e t t r a n s f o r m a t i o n f o r f r a c t a l i m a g e c o m p r e s s i o n " . " L q w t p c n " q h " X k u w c n " E q o o w p k e c v k p p " c p f " K o c i g " T g r t g u g p v c v k p p . " X q n 0 " 4 7 . " P q 0 " : . " 4 2 3 6 . " r r 0 " 3 : 5 7 / 3 : 6 3 0 "

[36]_ T w h c k . " C 0 " O 0 . " C p d e t l e h c t k . " I 0 . " F g o k t g n . " J 0 . " " L o s s y i m a g e c o m p r e s s i o n u s i n g s i n g u l a r v a l u e d e c o m p o s i t i o n a n d w a v e l e t d i f f e r e n c e r e d u c t i o n " . " F k i k v c n " U k i p c n " R t q e g u u k p i . " X q n 0 " 4 6 . " 4 2 3 6 . " r r 0 " 3 3 9 / 3 4 5 0 "

[37]_ \ j g p i . " \ 0 . " \ j c q . " L 0 . " I w q . " J 0 . " [c p i . " N 0 . " [w . " Z 0 . " H e p i . " Y 0 . " " C h a r a c t e r S e g m e n t a t i o n S y s t e m B a s e d o n C # D e s i g n a n d I m p l e m e n t a t i o n " . " R t q e g f k c " G p i k p g g t k p i . " K p v g t p c v k p c n " Y q t m u j q r " q p " K p h q t o c v k p p " c p f " G n g e v t q p k e u " G p i k p g g t k p i . " X q n 0 " 4 ; . " 4 2 3 4 . " r r 0 " 6 2 9 5 / 6 2 9 : 0 "

[38]_ I t c h o A n g t . " O 0 . " D g { g t g t . " L 0 . " " P e r f o r m a n c e i m p r o v e m e n t o f c h a r a c t e r r e c o g n i t i o n i n i n d u s t r i a l a p p l i c a t i o n s u s i n g p r i o r k n o w l e d g e f o r m o r e r e l i a b l e s e g m e n t a t i o n " . " G z r g t v " U { u v g o u " y k v j " C r r n k e c v k p p u . " X q n 0 " 6 2 . " P q 0 " 3 9 . " 4 2 3 5 . " r r 0 " 8 ; 7 7 / 8 ; 8 5 0 "

[39]_ X g p m c v g u y c t n w . " P 0 " D 0 . " D q { n g . " T 0 " F 0 . " " N e w s e g m e n t a t i o n t e c h n i q u e s f o r d o c u m e n t i m a g e a n a l y s i s " . " K o c i g " c p f " X k u k q p " E q o r w v k p i . " X q n 0 " 3 5 . " P q 0 " 9 . " 3 ; ; 7 . " r r 0 " 7 9 5 / 7 : 5 0 "

[3] _ D c g . " L 0 " J 0 . " L w p i . " M 0 " E 0 . " M k o . " L 0 " Y 0 . " M k o . " J 0 " L 0 . " " S e g m e n t a t i o n o f t o u c h i n g c h a r a c t e r s u s i n g a n M L P " . " R c w g t p " T g e q i p k v k p p " N g v g t u . " X q n 0 " 3 ; . " P q 0 " : . " 3 ; ; : . " r r 0 " 9 2 3 / 9 2 ; 0 "

[3] _ V u c k o v i c , V . , A r i z a n o v i c , B . " " E f f i c i e n t c h a r a c t e r s e g m e n t a t i o n a p p r o a c h f o r m a c h i n e - t y p e d d o c u m e n t s " . " G z r g t v " U { u v g o u " y k v j " C r r n k e c v k p p u . " X q n 0 " : 2 . " 4 2 3 9 c . " r r 0 " 4 3 2 / 4 5 3 0 "

[42]_ V u c k o v i c , V . , A r i z a n o v i c , B . , " A u t o m a t i c d o c u m e n t s k e w p r e - p r o c e s s o r f o r c h a r a c t e r s e g m e n t a t i o n a l g o r i t h m " . " H c e v c " W p k x g t u k v c k u < " G n g e v t q p k e u " c p f " G p g t i g v k e u . " X q n 0 " 5 2 . " P q 0 " 6 . " 4 2 3 9 d . " r r 0 " 8 3 3 / 8 4 7 0 "

[43]_ V u c k o v i c , V . , A r i z a n o v i c , B . , L e B l o n d , S . , " U l t r a - f a s t b a s i c g e o m e t r i c a l t r a n s f o r m a t i o n s o n l i n e a r i m a g e d a t a s t r u c t u r e " . " G z r g t v " U { u v g o u " y k v j " C r r n k e c v k p p u . " X q n 0 " ; 3 . " 4 2 3 : c . " r r 0 " 5 4 4 / 5 6 8 0 "

[44]_ V u c k o v i c , V . , A r i z a n o v i c , B . , L e B l o n d , S . , " G e n e r a l i z e d N - w a y i t e r a t i v e s c a n l i n e f i l l a l g o r i t h m f o r r e a l - t i m e a p p l i c a t i o n s " . " L q w t p c n " q h " T g e n / V k o g " K o c i g " R t q e g u u k p i . " X q n 0 " 3 5 . " P q 0 " 6 . " 4 2 3 : d . " r r 0 " 3 / 3 ; 0 "