CAPTCHA Cracker using MATLAB

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 139 - Number 13

Year of Publication: 2016

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10.5120/ijca2016909531

Abstract

There is a lot of activity over the internet. Be it, posting a comment on someone’s blog or making a Gmail account or booking a ticket online. But with that also comes the problem of spamming. “Completely Automated Public Turing test to tell Computers and Humans Apart” (CAPTCHA) [8] which are the twisted words that block the entries of bots on website. CAPTHCAs can effectively test if the user is human or machine. Hence it is of great importance that CAPTCHA is well checked for its vulnerability against such attacks. So this paper presents this medium to check the strength of CAPTCHA against the written CAPTCHA cracking code. This can be used by the web developers implementing CAPTCHA, to check well in advance how secure is the CAPTCHA used in their software.

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**Index Terms**

Computer Science  \hspace{1cm} Pattern Recognition

**Keywords**

CAPTCHA, OCR, Image Processing, MATLAB, Turing Test, CAPTCHA Cracking.