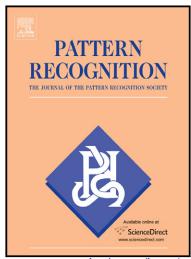
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KHATT: An Open Arabic Offline Handwritten Text Database

Sabri A. Mahmoud, Irfan Ahmad, Wasfi G. Al-Khatib, Mohammad Alshayeb, Mohammad Tanvir Parvez, Volker Märgner, Gernot A. Fink



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Sabri A. Mahmoud^a, Irfan Ahmad^a, Wasfi G. Al-Khatib^a, Mohammad Alshayeb^a, Mohammad Tanvir Parvez^b, Volker Märgner^c, and Gernot A. Fink^d

"King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia {smasaad, irfanics, wasfi, alshayeb}@kfupm.edu.sa

b Qassim University, Qassim, Saudi Arabia
{m.parvez@qu.edu.sa}

c Technische Universität Braunschweig, 38092 Braunschweig, Germany
v.maergner@tu-bs.de

d Technische Universität Dortmund, 44227 Dortmund, Germany
Gernot.Fink@tu-dortmund.de

1.1.1 KHATT: An Open Arabic Offline Handwritten Text Database

Sabri A. Mahmoud^a, Irfan Ahmad^a, Wasfi G. Al-Khatib^a, Mohammad Alshayeb^a, Mohammad Tanvir Parvez^b, Volker Märgner^c, and Gernot A. Fink^d

"King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia {smasaad, irfanics, wasfi, alshayeb}@kfupm.edu.sa

b Qassim University, Qassim 51477, Saudi Arabia

m.parvez@qu.edu.sa

c Technische Universität Braunschweig, 38092 Braunschweig, Germany

v.maergner@tu-bs.de

d Technische Universität Dortmund, 44227 Dortmund, Germany

Gernot.Fink@tu-dortmund.de

Abstract

A comprehensive Arabic handwritten text database is an essential resource for Arabic handwritten text recognition research. This is especially true due to the lack of such database for Arabic handwritten text. In this paper, we report our comprehensive Arabic offline Handwritten Text database (KHATT) consisting of 1000 handwritten forms written by 1000 distinct writers from different countries. The forms were scanned at 200, 300, and 600 dpi resolutions. The database contains 2000 randomly selected paragraphs from 46 sources, 2000 minimal text paragraph covering all the shapes of Arabic characters, and optionally written paragraphs on open subjects. The 2000 random text paragraphs consist

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