



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Abstract

(51) Int Cl.:
G06F 17/11 (2006.01)

(48) Corrigendum issued on:
14.10.2009 Bulletin 2009/42

(43) Date of publication:
17.06.2009 Bulletin 2009/25

(21) Application number: **08019504.3**

(22) Date of filing: **07.11.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT
RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(71) Applicant: **Triantafillidis, Trifon**
55236 Panorama (GR)

(72) Inventor: **Triantafillidis, Trifon**
55236 Panorama (GR)

(74) Representative: **Gesthuysen, von Rohr & Eggert**
Patentanwälte
Huyssenallee 100
45128 Essen (DE)

(30) Priority: **07.11.2007 US 986157 P**
24.01.2008 US 19532

(54) **Method for solving minimax and linear programming problems**

(57) A novel method is disclosed for efficiently solving minimax problems, and in particular, for efficiently solving minimax problems wherein the corresponding matrix is large. In particular, the novel method solves minimax problems in $O(n^2 T)$ operation count, where n denotes the problem size and T is reversely proportional to the required duality gap as one skilled in the art will understand. Further disclosed herein is a method for solving linear programming (LP) problems by converting such problems into minimax problems, and then using the novel minimax solution method disclosed herein.

