

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141017893 A

(19) INDIA

(22) Date of filing of Application :17/04/2021

(43) Publication Date : 11/06/2021

(54) Title of the invention : A METHOD FOR EFFICIENT AND FASTER MACHINE LEARNING TECHNIQUE

(51) International classification	:G06N0020000000, G06F0030332300, G06F0016350000, G06K0009620000, A61B0017000000	(71)Name of Applicant : 1)S GOKULAKRISHNAN Address of Applicant :S/o. N SIVANANDHAM, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA [SCSVMV DEEMED TO BE UNIVERSITY], ENATHUR, KANCHIPURAM 631561, TAMIL NADU, INDIA. Tamil Nadu India 2)A R GURU GOKUL 3)N DEVI 4)P LEELA RANI 5)Dr. S SATHYA 6)Dr. C SUNITHA RAM 7)Dr. N KUMARAN 8)J SHYAM MOHAN 9)E PADMA
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(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention depicts simple and efficient method for interactively learning non-binary concepts in the learning from random counter-examples (LRC) model. Here, learning takes place from random counter-examples that the learner receives in response to their proper equivalence queries, and the learning time is the number of counter-examples needed by the learner to identify the target concept. Such learning is particularly suited for online ranking, classification, clustering, etc., where machine learning models must be used before they are fully trained.

No. of Pages : 12 No. of Claims : 2