(54) Title of the invention : ISPT- 4-G MOBILE BANKING: INTELLIGENT AND SECURED PAYMENT TRANSFER USING 4-G MOBILE BANKING

(51) International classification	:G06Q0020320000, G06Q0020100000, G06Q0020400000, G06Q0020380000, G06Q0040020000
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(32) Priority Date	:NA
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(86) International Application No	:NA
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(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

(71)Name of Applicant :
1)RAMU DUBEY (ASSISTANT PROFESSOR, MATHEMATICS)
Address of Applicant :DEPARTMENT OF MATHEMATICS. J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD-121006, HR, INDIA. E-mail: rdubeyjiya@gmail.com Haryana India
2)HARVINDER VERMA
3)DR. MANJU KHARI
4)ANKIT AGARWAL
5)MR. MOHIT DAYAL (ASSISTANT PROFESSOR)
6)DR.C.M. JOSHI (DIRECTOR)
(72)Name of Inventor :
1)RAMU DUBEY (ASSISTANT PROFESSOR, MATHEMATICS)
2)HARVINDER VERMA
3)DR. MANJU KHARI
4)ANKIT AGARWAL
5)MR. MOHIT DAYAL (ASSISTANT PROFESSOR)
6)DR.C.M. JOSHI (DIRECTOR)

(57) Abstract :
My Invention ISPT- 4-G Mobile Banking: Provides perhaps the most secure mobile banking and payment or product/service purchase method extent which avoids security problems of the Internet and provides a rapid transfer of transactional information and other information as desired, inclusive of revenue generating advertisements with the architecture and techniques of the inventive Internet data protocol (DTP).Ubiquitous and Versatile, wireless devices provide users weekly and around the clock access to financial services bringing the next market revolution-mobile banking, mobile payment, mobile wallet, mobile money transfer and other financial services to users anywhere and everywhere and at essentially anytime.The dramatic increase in mobile phone usage has also been followed by an ever increasing amount of mobile and/or Internet fraud, and although eager to use mobile financial services, many subscribers are correctly concerned about the security aspect when carrying out financial transactions over a mobile network. In fact, lack of security is seen as one of the biggest deterrents to the widespread adoption of mobile financial services or at least a major problem as mobile banking increases. Fraud prevention has become a pressing need across all modes of financial transactions. Conventional mobile banking operations are usually conducted through an Internet connection. In spite of efforts to halt electronic fraud, the Internet has remained a notoriously dangerous place to do business. The impact of cybercrime is estimated to cause $100 billion in damages annually.

No. of Pages : 25 No. of Claims : 8

(54) Title of the invention : DDCP-MONITORING: DISEASE DIAGNOSES, CLINICAL PREDICTION AND MONITORING USING IOT-BASED

(51) International classification : G16H0050200000, G16H0050300000, G16H0050700000, G16H0010600000, G06Q0050220000	(71)Name of Applicant : 1)DR. VRINCE VIMAL (ASSOCIATE PROFESSOR) Address of Applicant :GRAPHIC ERA HILL UNIVERSITY, SOCIETY AREA CLEMENTOWN, DEHRADUN-248002, UK, INDIA. E-mail: vvimal@ec.iitr.ac.in Uttarakhand India 2)RAMU DUBEY (ASSISTANT PROFESSOR, MATHEMATICS) 3)DEEPAK UMRAO SARWE (ASSISTANT PROFESSOR) 4)HARMEET SINGH (RESEARCH SCHOLAR) 5)RAVINDER SINGH (PHD SCHOLAR) 6)JAGDEEP KAUR SAHANI
(31) Priority Document No :NA	
(32) Priority Date :NA	
(33) Name of priority country :NA	
(86) International Application No :NA	(72)Name of Inventor : 1)DR. VRINCE VIMAL (ASSOCIATE PROFESSOR) 2)RAMU DUBEY (ASSISTANT PROFESSOR, MATHEMATICS) 3)DEEPAK UMRAO SARWE (ASSISTANT PROFESSOR) 4)HARMEET SINGH (RESEARCH SCHOLAR) 5)RAVINDER SINGH (PHD SCHOLAR) 6)JAGDEEP KAUR SAHANI
Filing Date :NA	
(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 :

My Invention DDCP-Monitoring A Technology for predicting future disease for a subject comprising: a population information set comprising population disease diagnoses for members of a population; a subject-specific information set comprising at least one subject-specific disease diagnosis; and a diagnoses-based prediction module configured to predict one or more future diseases for the subject based on said subject-specific disease diagnosis and said population disease diagnoses for population members having at least one disease in common with the subject. A clinical predictive and monitoring system comprising a data store operable to receive and store data associated with a plurality of patients selected from medical and health data; and a number of social, behavioral, lifestyle, and economic data; at least one predictive model to identify at least one high-risk patient associated with at least one medical condition; a risk logic module operable to apply the at least one predictive model to the patient data to determine at least one risk score associated the at least one medical condition and identify at least one high-risk patient; a data presentation module operable to present notification and information to an intervention coordination team about the identified at least one high-risk patient; and an artificial intelligence tuning module adapted to automatically adjust parameters in the predictive model in response to trends in the patient data.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2020

(54) Title of the invention : AUTOMATED METHOD FOR TUMOR DETECTION

(51) International classification :G06T0007000000,G06K0009000000,G06K0009620000,G06T0007110000,G10L0021020800
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA Filing Date :NA
(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

(71)Name of Applicant :
  1)Dr. Lalit Mohan Goyal
     Address of Applicant :Assistant Professor, Department of Computer Engineering, J.C. Bose University of Science and Technology, YMCA, Faridabad (HR.), 121006, India. Haryana India
  2)Dr. Mamta Mittal
  3)Dr. Tanzila Saba
  4)Dr. Iqbaldeep Kaur
  5)Dr. Amit Verma
  6)Dr. Sumit Kaur
(72)Name of Inventor :
  1)Dr. Lalit Mohan Goyal
  2)Dr. Mamta Mittal
  3)Dr. Tanzila Saba
  4)Dr. Iqbaldeep Kaur
  5)Dr. Amit Verma
  6)Dr. Sumit Kaur

(57) Abstract :
A method for automated brain tumor detection is invented that comprises the steps of acquisitioning a pathological image(s) from a user for detecting abnormal region in the image(s), normalizing the image(s) for removing illumination present in the image(s) by using selected and estimated background protocol, eliminating unwanted data from the image(s) via wiener filter by applying wiener filter and converting the image(s) into grey scale image(s), converting the grey scale image(s) into a binary image(s) by adopting thresholding operation and retrieving region of interest from the binary image(s) by adapting transverse graph protocol, extracting features from the region by implementing a stationary wavelet transform protocol, categorizing the features into normal and abnormal data by executing operations involved in random forest classifier; and passing the data through multiple convolutional layers of a growing convolutional neural network protocol for automating the method.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2020

(21) Application No.202011024061 A

(43) Publication Date : 26/06/2020

(54) Title of the invention : INSECT SPECIES CLASSIFICATION METHOD

(51) International classification	:G06K 9/62 G06K 9/00 G06T 7/00	(71)Name of Applicant : 1)Dr. Sukhwinder Sharma Address of Applicant :Department of Computer Science and Engineering, Baba Banda Singh Bahadur Engineering College Fatehgarh Sahib-140406, Punjab, India. Punjab India 2)Dr. Lalit Mohan Goyal 3)Dr. Mamta Mittal 4)Dr. Amit Verma 5)Dr. Iqbaldeep Kaur 6)Deepika Kumar 7)Alankrita Aggarwal (72)Name of Inventor : 1)Dr. Lalit Mohan Goyal 2)Dr. Sukhwinder Sharma 3)Deepika Kumar 4)Alankrita Aggarwal 5)Dr. Amit Verma 6)Dr. Iqbaldeep Kaur 7)Dr. Mamta Mittal
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(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 :
An insect species classification method, comprising steps of inputting specimen image(s) and eliminating unwanted data from the image(s) converting the image(s) into binary image(s) for finding a region of interest and extracting the region from the binary image(s), calculating geometrical properties from the region for extracting out structural feature(s) from the region, finding texture properties from the image(s) for extracting texture feature(s) from the image(s), integrating both features by adding and merging operations to form a training set of data, and initializing a growing convolutional neural network with plurality of layers and providing training to the network on the basis of the set of data, progress till a user-settable threshold accuracy is achieved and classifying the image(s) into appropriate category. Ref Figure 1 &2

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2019

(21) Application No.201911035470 A

(43) Publication Date : 26/06/2020

(54) Title of the invention : SYSTEM AND METHOD FOR MOBILE AGENT SECURITY IN A MOBILE AD-HOC NETWORK (MANET)

(51) International classification	:H04W0084180000, H04W0012120000, H04W0040240000, H04W0004380000, G06F0016953500	(71)Name of Applicant : 1)Dr. Parul Tomar Address of Applicant :Department of Computer Engineering, J C Bose University of Science & Technology, YMCA, Haryana, 121006, India Haryana India
(31) Priority Document No	:NA	2)Dr. Bindiya Bhatia
(32) Priority Date	:NA	3)Dr. M. K. Soni
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dr. Parul Tomar
Filing Date	:NA	2)Dr. Bindiya Bhatia
(87) International Publication No	: NA	3)Dr. M. K. Soni
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present subject matter relates to a method for mobile agent (104) security in a Mobile Ad-hoc Network (MANET). The method includes determining a local trust value among nodes (102) based on a first interaction among the nodes (102). The first interaction includes sending a mobile agent (104) from a source node to a destination node. A global trust value of each node (102) is determined based on the determined local trust value. Further, the local trust value among the nodes (102) is updated based on a second interaction among the nodes (102). The second interaction includes sending a mobile agent (104) from the source node to the destination node, the mobile agent (104) carries information such as a list of global trust values along with time stamp and a faulty list. Thereafter, the global trust value of each node (102) is updated based on the updated local trust value.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION   (21) Application No.202011015429 A

(19) INDIA

(22) Date of filing of Application :08/04/2020   (43) Publication Date : 09/10/2020

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AND ANALYZING AN INTERACTION NETWORK

(51) International classification	:G06Q0050000000, H04L0029080000, H04W0004200000, G06F0016280000, H04W0060000000	(71)Name of Applicant : 1)Atul Srivastava Address of Applicant :314/A, AB Nagar, Unnao, UP Uttar Pradesh India 2)Anuradha Pillai
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Atul Srivastava
(33) Name of priority country	:NA	2)Anuradha Pillai
(86) International Application No	:NA	3)Deepika Punj
Filing Date	:NA	4)Ashutosh Dixit
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method (300) and a system (100) for generating an interaction network of web-pages using a focused web-crawler are disclosed. The method (300) may include extracting (302) a seed URL of a web-page associated with a seed user, wherein the web-page is a social-network web-page, and wherein the web-page comprises a plurality of secondary URLs of secondary web-pages associated with secondary users. The method (300) may further include extracting (304) the plurality of secondary URLs associated with the web-page associated with the seed user, and identifying (306) one or more relevant secondary URLs from the plurality of secondary URLs. The method (300) may further include generating (308) a focussed interaction network of web-pages, using the identified one or more relevant secondary URLs from the plurality of secondary URLs.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

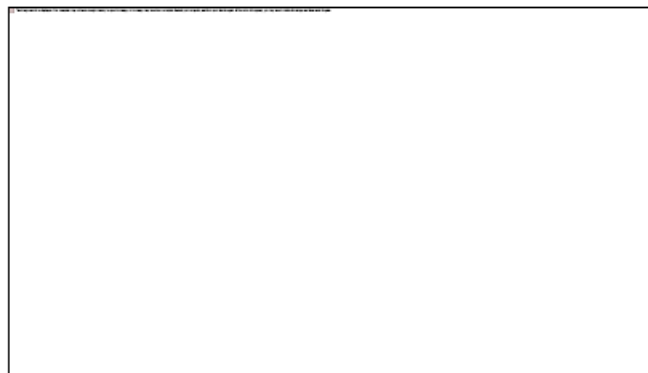(22) Date of filing of Application :18/04/2019

(21) Application No.201911015672 A

(43) Publication Date : 23/10/2020

(54) Title of the invention : STIFFNESS MEASUREMENT OF WALNUTS, METHOD AND ITS USE

(51) International classification	:A47J0043260000, A23N0005000000, C02F0001000000, G01N0003400000, A61K0036520000	(71)Name of Applicant : 1)MOHAN LAL AGGARWAL Address of Applicant :J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,YMCA FARIDABD-121006,INDIA Haryana India 2)AKANKSHA MISHRA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MOHAN LAL AGGARWAL
(33) Name of priority country	:NA	2)AKANKSHA MISHRA
(86) International Application No	:NA	
Filing Date	:NA	
(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 :
Various methods are used for cracking a walnut shell includes nutcracker, knife cracker, hammers to break into walnuts, closing a door on a walnut, just hold walnut in the palm of your hand and squeeze with thumb, strike a wallnut on the floor and crack with teeth. A new scientific approach based on stiffness measurement of walnuts is invented. Stiffness is load per unit displacement and it was measured using load cell & a linear scale on a fabricated walnut stiffness tester. A user of wallnuts identifies the quality and cracking method of walnut shell according to the specified stiffness.

No. of Pages : 7 No. of Claims : 2