

ECC Artificial Intelligence Training Program Calendar 2021:

n+1) {x_n}CR y1 sooth d' n->00 {xn}c lim (+ R Vn EN, to [Xn] #0<=> yn #0 By neN, $A > 0, \Longrightarrow / \lim_{n \to \infty} \sqrt{A} = 1$ 4" x:p cos2n1 /n=+n-1 VnENxn < yn < Zn ²-2n+3 n≥n $\begin{array}{c} X_{n}+y_{n} & \stackrel{C_{y}}{\longrightarrow} \mathcal{R} & n \ge n_{0}:(x_{n}-g) < \mathcal{E} \end{array}$ f(x), flokal. {x, max; { (x) =>]gE[0,1]: Ux, xEX_ 3 +1 {x } g)<E n≥no:(xn-g)<E lok. 1 n/4: n/13 n lim min $\mathfrak{X}_n: \mathcal{N} \to \mathcal{R}$ $\{x_{n}\} \cdot \{y_{n}\}_{df}^{=} \{x_{n} + y_{n}\}; 13 \\ \{x_{n}\} \cdot \{y_{n}\}_{df}^{=} \{x_{n} \cdot y_{n}\}; 13 \\ \{x_{n}\} \cdot \{y_{n}\}_{df}^{=} \{x_{n} \cdot y_{n}\}; 13$ n Eyn E Zn -M-00 1 ... Fx 7 F. 7

April

• Artificial Intelligence for Maintenance 4.0: 08th-10th April 2020, Stuttgart, Germany.

June

• Artificial Intelligence for Maintenance 4.0: 14th - 16th June 2021, Singapore.

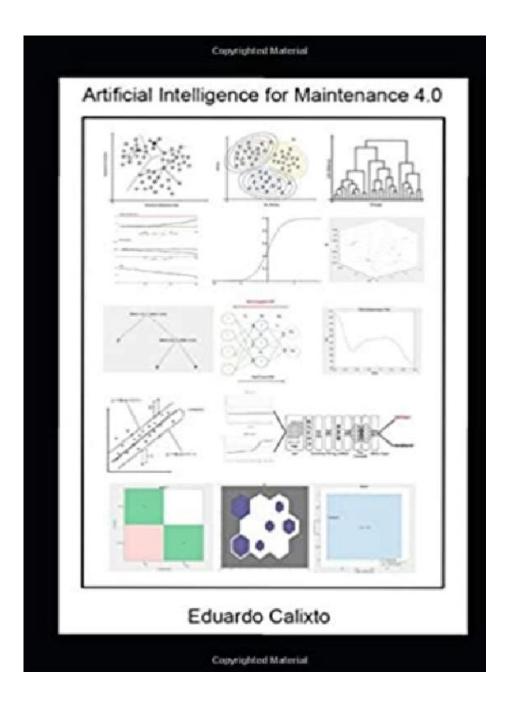
July

• Artificial Intelligence for Maintenance 4.0: 6th - 7th July 2021, AEA, Dubai.

October

• Artificial Intelligence for Maintenance 4.0: 11th and 12th October 2021, Washington D. C, USA

"Training Bibliography"



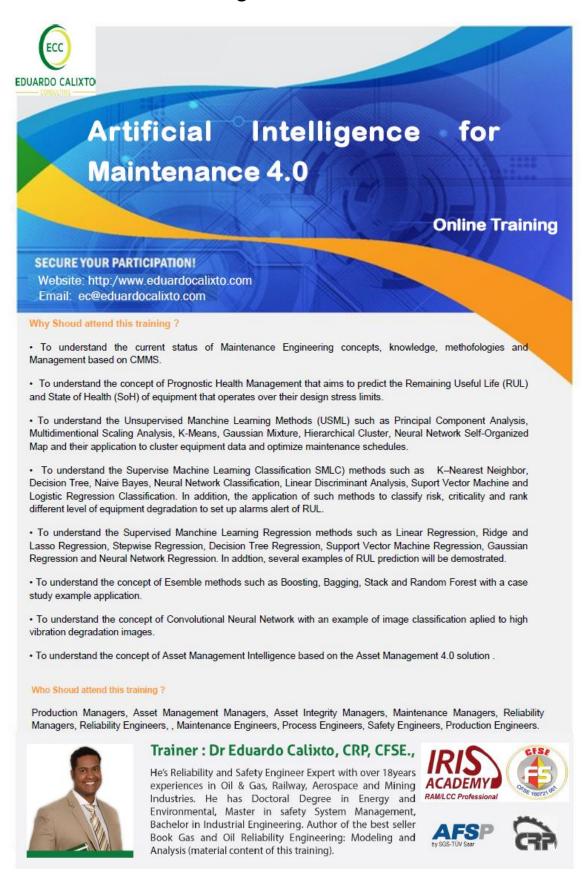
Good news: "Free copy for the training participants"

Bibliography: https://www.amazon.com/Artificial-Intelligence-Maintenance-Eduardo-Calixto/dp/B08DSS7PJC/ref=tmm_pap_swatch_0?_encoding=UTF8&qid=&sr=

Please contact us for more information: https://www.eduardocalixto.com/contact/

To get more details about the training: https://www.eduardocalixto.com/2021-training-calendarprocess-industry/

"Training Modules Outlines"





Artificial Intelligence for Maintenance 4.0

Online Training

SECURE YOUR PARTICIPATION!

Website: http://www.eduardocalixto.com Email: ec@eduardocalixto.com

Day 1 - Training Outline:

- Module 1: Introduction
- Module 2: Maintenance Concepts
- Module 3: Prognostic Health Management
- Module 4: Artificial Intelligence Introduction
- Module 5: USML Principal Component Analysis
- Module 6: USML Multidimensional Scaling
- Module 7: USML K-Means
- Module 8: USML Gaussian Mixture
- Module 9: USML Hierarchical Cluster
- Module 10: USML NN Self-Organized Map
- Module 11: SMLC Neural Network Classification
- Module 12: SMLC K-Nearest Neighbor
- Module 13: SMLC Decision Tree
- Module 14: SMLC Naive Bayes

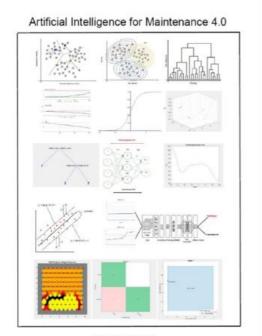
Day 2 -Training Outline:

- Module 15: SMLC Linear Discriminant Analysis
- Module 16: SMLC Support Vector Machine
- Module 17: SMLC Logistic Regression Classification
- Module 18: SMLR Linear (Ridge & Lasso) Regression
- Module 19: SMLR Stepwise Regression
- Module 20: SMLR Decision Tree Regression
- Module 21: SMLR Support Vector Machine Regression
- Module 22 SMLR Gaussian Regression
- Module 23 SMLR Neural Network Regression
- Module 24 Ensemble Methods
- Module 25 Convolutional Neural Network
- Module 26 Asset Management 4.0

What's the training benefits ?

You do not need to know any algorithm language or have a deep mathematic knowledge. Everything will be clear explained step by step with examples. After this training you will be able to haave a deep understanding about the different Artificial Intelligence methods expalined during the training to apply in your daily routine such as optnize your maintenance schedule, classify maintenance database in categories and predict the RUL, SoH and other parameters based on regression methods by using the MATLAB

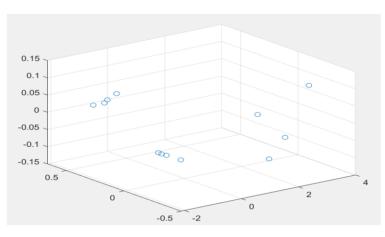
Book Training Content:



Eduardo Calixto

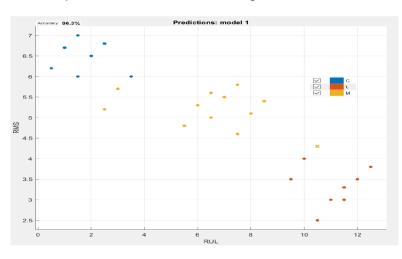
www.amazon.com

"Software Used during the training: MATLAB"

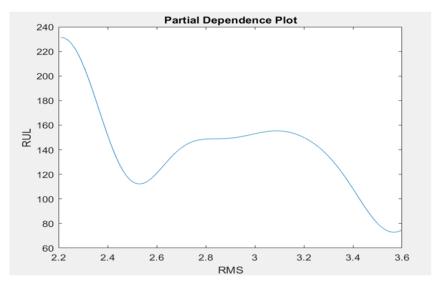


"Unsupervised Machine learning: Cluster"

"Supervised Machine Learning: Classification"



"Supervised Machine Learning: Prediction"



"Demo license in the MATLAB website "