ReviewerObservationsandSuggestions:
ABSTRACT:

Canbeaddedintheconclusion.Alsocorrectthespellings. Statements"Theseresultsdepicts conclusively thatHybridNeuro-Fuzzy controllerapplicationinintelligentclutchactuation controlof anelectro-pneumaticclutchsystemfor heavy-dutyvehiclewillhaveovertheuseof asinglemodeofeitherfuzzylogicor ArtificialNeuralNetwork.Itsimpactinthesmooth operationofheavy-duty vehiclesisindeedsignificantintheimproved performancesinan electro-pneumatic clutchactuation system."

Makethe statement short andmeaningful

TheseresultsdepictsconclusivelythatHybridNeuro-Fuzzycontrollerapplicationinintelligent clutchactuationcontrolofanelectro-pneumaticclutchsystemforheavy-dutyvehiclewillhave over theuseof asinglemode of either fuzzylogicorArtificial Neural Network.

Add recentworkdonethroughtherecentresearchpapers.Authorprovidedthecomplete clutchsystemdetailsthroughliteraturepapers.Pleasedoprovidetheworkdoneforthe issuesaddressed by author.

Mention the SignificanceofthesystemandInnovations.
Pageno 4:

Typocorrections:Fig.1andfig.2.:DousethesameterminologyasperJournalformattemplate figs. 1. and 2:Improper usethe terminologyas->figs

LongandIncomplete Statements: Makeitshort andmeaningful:

Thelearningphaseshowsabehaviourthatischaracteristicofneuralnetworksthatassimilates or learns its own variables within and un-aided.

Theexecutionphaseofbehaviourexhibitsthefuzzy logicsystemcharacter.Independently, either ofthe learningandthe execution characteristicphases havemerits and demerits.

The combinationofthetwoprovidesbetterresultscomparedwiththeresultsrecordedwith the application of eitherofthe isolated methods.

Pageno 5

Long Statement: Makeit short andmeaningful

Incontrol systems design, thereisagreater need to tackle successfullythechallenges brought about by increasingglobalcompetitionintechnology,environmentalconsiderations,energy requirements,economyofmaterialandthedemandforstable,robustandfaulttolerantsystems.

.Itisa powerfulmodelthatensuresthatinformationfromempiricaldatasourcesanderror proneunclear model sources areeffectivelycombined to solve aproblem.

Theneuro-fuzzysolutionmodelutilisesthefuzzyIF-THENrules describedinanetwork structureandtheneuralnetworklearning algorithmsapproachtoprovidesolutionstoa complex system (Babuska, 2002).

Thismodelcanalsobeautomatedandtherebyreducetosomeextent;time andcostwastedin an effort to improveperformanceof afuzzysystem.

Specifically,whilemakingdecisionsbasedonimprecisedataisallowed by fuzzylogic,ANN ontheotherhandtriestointegratehumanthinking processinsolvingproblemswithout modellingthem mathematically.

Theonlyimpedimentto thisisthecomparativeslowlearning processandthedifficultyinthe analysisof thetrained neural network or theblackbox system.

Putthefuzzylogic advantages and disadvantages in alisted ortabular form.

Section 3.0

Requestedauthortoaddmethodology [EitheraListorFlowchart]illustratingtheentire process.

Mention what arethis:Technical terms needs to beexplained and presented with significance: They arenegativehigh(NH),negativemedium(NM),negativelow(NL),zero(Z),positive low (PL), positivemedium (PM), and positivehigh (PH)respectively.

ANNcontrollerdesigncanbewellpresentedinalisting ortabularforminsteadoftextor statements.TheANNcontrollerdesigncanbeshownataglancewiththenetviewofMATLAB in graphical format.

Page10:

Long Statement: Makeit short andmeaningful

TheNeuro-Fuzzy Simulinkmodelcontrollerdesignwascascadedwiththeconventional controlblockinseriestotheFuzzy logicblockontheupperendandinseriesalsowiththe ANN block on the lowerend

Thedesignisshowninfigure8.{Authorusedfig,Figandfigurealternativelypleasedofollow oneformat.)

Page12:

Long Statement:Makeitshortandmeaningful,alsocheckfor thespellingandgrammatical mistakes.

Conventionalcontroller andNeuro-Fuzzycontroller datafor proportionalerror is tabulatedandplottedbelowfor comparisonintable4,graghandbarchartoffigs.9(a) and(b) respectively.

Justify the result intable 4:

%Difference	0	-96.61

GraphsandFigures needstobe inaclear andvisibleonpaper.Provide thejustificationof the graph and results presented.

Improper ofuseof word:**figs. 12 (a)and(b)**

Long Statement: Makeit short andmeaningful

Fromthese results,onecanconclude thattheperformancesof the HybridNeuro-Fuzzy controller are dynamicenoughtoeliminatethe challengesofcalibrationrequiredin conventional controller in order to tackleproblems associated with clutch loadings

Page10:

Long Statement: Makeit short andmeaningful