ReviewForm 1.7

Journal Name:	**AsianJournalofResearchinComputerScience**
ManuscriptNumber:	**Ms_AJRCOS_112734**
Titleofthe Manuscript:	**Computingtheminimumpolynomial,the functionandtheDrazininverseofamatrixwithMatlab**
TypeoftheArticle	**MinireviewArticle**

PART 1:ReviewComments

	Reviewer'scomment	**Author'scomment***(if agreedwithreviewer,correct themanuscriptandhighlightthatpartinthe manuscript.Itismandatorythatauthorsshouldwrite his/herfeedbackhere)*
CompulsoryREVISION comments **1. Is themanuscriptimportantforscientificcommunity?** (Pleasewritefewsentencesonthismanuscript) **2. Is thetitleofthearticlesuitable?** (If notpleasesuggestanalternativetitle) **3. Is theabstractofthearticle comprehensive?** **4. Aresubsectionsandstructureofthemanuscriptappropriate?** **5. Doyouthinkthemanuscriptisscientificallycorrect?** **6. Are thereferencessufficientandrecent?Ifyouhave suggestionofadditionalreferences,pleasementioninthe reviewform.** **(Apartfromabovementioned6points,reviewersarefreetoprovideadd itionalsuggestions/comments)**	**Yes** **Yes** **Comprehensive,butmodificationsarerequired.** **Moderate** **Yes,butmajorrevisionisrequired. No**	
MinorREVISION comments **1. Islanguage/Englishqualityofthearticlesuitableforscholarly communications?**	Thereareseveral gapsintheexplanationsandnumerouslanguageerrors, aswell as typographical errorsthroughout.NeedamajorCorrection.	

Optional/Generalcomments	**ReviewReportofthearticle** **Computingtheminimumpolynomial,the functionandthe** **DrazininverseofamatrixwithMatlab** Theworkinthisarticleisinterestingand relevant.However,thereareseveral gapsinthe explanationsandnumerouslanguageerrors, aswell as typographical errors throughout.Iwill not address thelanguageerrorsandtypographical errors,astheauthorcancorrectthemusinga languagecorrectiontool.Therearealsoambiguitiesandomissionsinthepaper.Inmyobservation, therearesomenovel conceptsandconstructionspresented.Irecommendthispaperforpublication inyourjournal afteramajorrevision.Anotherreview will benecessaryaftertheresubmission,given theimmaturityofthewayinwhichtheconceptsareexpressed.Below aresomequeries, comments, andsuggestions: 1. Pleaseverify thedefinitionof*Δ(x)*toensurethat nothingismissing. 2. Check thevalidityofthestatement "Thedegreeofthepolynomial v(・)equal toq−1 thereforehasonlyq−1roots.Whyisitnot"*less thanorequal toq–1*"insteadof"*equal to q–1*"? 3. Clarify the meaningof"*homogeneoussystem1*"andaddress theambiguityinEquation (1). Please rewritetheequationaccordingly. 4. Pleaseclarify thestatement:"*However,fromthehomogeneoussystem1,wededucethat thepolynomial v(・)hasq roots,whichisonly trueifthepolynomial v(・)isidenticallyzero. Therefore,theabovehomogeneoussystemhasonly thetrivial solution,meaningthat system1hasauniquesolution."*	

	5. RewriteDefinitions1,2,and3formally. 6. Check thevalidityofthestatement"*Thecoefficientsofthepolynomial areinthevectorv, i.e.,theminimumpolynomial ism(x)=v(1)x^r+v(2)x^(r−1)+⋯+v(r+1)*." 7. Theauthorisrequestedtoverifythefindingswiththebook"LinearAlgebra"byKenneth Hoffman. 8. Initially,v(A)isdefinedasA^n,forn∈N, butinDefinition5,V(A)isredefined.Arethese differentconcepts? 9. Providejustificationforthestatement'*theTaylorseriesexpansionoff(A)isconvergent*,' particularlyregardingtheapplicationoftheCayley-Hamiltontheoremininfiniteseries. 10.Definition5shouldbeginwiththedeclarationofthe matrixAtoprevent ambiguity,asthere maybetwoormorematriceswiththesamecharacteristicpolynomial.Please refertothe paper'*Real PowersofBoundedLinearOperators' bySabuSebastianandKiranKumar* (*Int.J.Appl.Comput.Math(2017)3:645–650*)forfurtherinsights. 11.IntheproofofProposition2,explainhow toobtain|f(0)|≤1. 12.Rewritethestatement ofTheorem3forclarity. 13.Includesome recentreferencestoenhancetheliterature review.	

PART 2:

	Reviewer's comment	**Author's comment***(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Sabu Sebastian**
Department, University & Country	**Nirmalagiri College, India**