

MATLAB CODE FOR POWER METHOD

```
A = [4 2 -2;-2 8 1;1 4 -4]
X0 =[1 ;1 ;1]
tol = 1e-6*ones(length(na),1));
% initializing k and X
k= 1;
X( : , 1 ) = X0;
%initial error assumption
err= 1000000000*rand(na,1);
% loop starts
while sum(abs(err) >= tol) ~= 0
    X( : ,k+ 1 ) = A*X( : ,k); %POWER METHOD formula
    % Normalizing the obtained vector
    [ v j ] = max(abs(A*X( : ,k+ 1 )));
    E = X( : ,k+ 1 );
    e = E( j,1);
    X(:,k+1) = X(:,k+1)/e;
    err = norm((X( : ,k+1)-X( : , k)),inf);% finding error
    k = k + 1;
end
fprintf('The largest eigenvalue %0.4f & The corresponding Eigenvector is',e);
V =X( : ,k)
```



MATLAB



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Matlab Power System And Control Lab Manual

Jin-Ying Zhang



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Whispering the Secrets of Language: An Emotional Quest through **Matlab Power System And Control Lab Manual**

In a digitally-driven world where displays reign great and quick transmission drowns out the subtleties of language, the profound techniques and mental nuances concealed within words often move unheard. Yet, nestled within the pages of **Matlab Power System And Control Lab Manual** a captivating literary prize pulsating with fresh feelings, lies a fantastic quest waiting to be undertaken. Written by an experienced wordsmith, that wonderful opus encourages visitors on an introspective journey, delicately unraveling the veiled truths and profound affect resonating within the very material of every word. Within the emotional depths of this emotional review, we can embark upon a sincere exploration of the book is key subjects, dissect their charming publishing model, and yield to the effective resonance it evokes heavy within the recesses of readers hearts.

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web oct 29 2021 in this paper the main research is to explore the way of severe nursing of respiratory failure before the nursing of respiratory failure we should carry out nursing detection of the ventilator and test its performance