MATLAB CODE FOR HFC-VD

Before running in command window run the EIA_HFC.mat functions from **downloads folder**

```
folderPath = 'C:\Users\Lenovo\Desktop\PHD PROGRESS\dataset em wise\ specific folder name';

filePattern = fullfile(folderPath, '*.mat');

matFiles = dir(filePattern);

for k = 1:length(matFiles)

%Get the base filename

%baseFileName = matFiles(k).name;

%Create the full file name and load the .mat file

%fullFileName = fullfile(folderPath, baseFileName);

data=CropXN2/CropX1/CropX2;

alfa=10^(-3);

[vd] = EIA_HFC(data,alfa);

%fprintf('Now reading %s\n', fullFileName);

end
```