
```
%{  
TEMPORAL SIMPLE FILTER  
%}  
  
function [thresholdDerivativeList] = temporalSimpleFilter(imgList,  
threshold)  
    numImages = size(imgList);  
    numImages = numImages(3) - 1;  
    derivativeList=zeros(size(imgList));  
    for i = 2:numImages  
        derivativeList(:, :, i) = (imgList(:, :, i+1) - imgList(:, :,  
i-1)) / 2;  
    end  
  
    absDerivativeList = abs(derivativeList);  
    thresholdDerivativeList = zeros(size(absDerivativeList));  
    thresholdDerivativeList(absDerivativeList > threshold) = 1;  
end
```

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