
```

function tinf = MCM(wb,d)
% By Devon Quaternik
% MCM calculates the Minimum Cycle Mean for a graph. Wb(i,j) is
% the matrix that has weight of edge. From node is i, to node is j. Wb
% is
% the same as L1 from LPM algo, substituting 'inf' for -1 and flipping
% the
% signs on all valid paths. d is the number of delays in the graph.
% 1st
% node is always taken as reference.

% Find f0,f1,...,fd
f = ones(d,d+1);
f = f*inf;
f(1,:) = 0;

for m = 2:d+1
    for j = 1:d
        for i = 1:d
            ex1(i) = f(i,m-1)+wb(i,j);
        end
        f(j,m) = min(ex1);
    end
end

fd = f(:,d+1);
log = zeros(1,d);
for m = 1:d
    for i = 1:d
        ex2(i) = (fd(i)-f(i,m))/(d-(m-1));
        %         if isnan(ex2(i))
        %             ex2(i) = 0;
        %         end
    end
    log = [log; ex2];
end

ex3 = log(2:d+1,:);
tinf = -(min(max(ex3',[],2)));

Error using MCM (line 10)
Not enough input arguments.

```

Published with MATLAB® R2015a