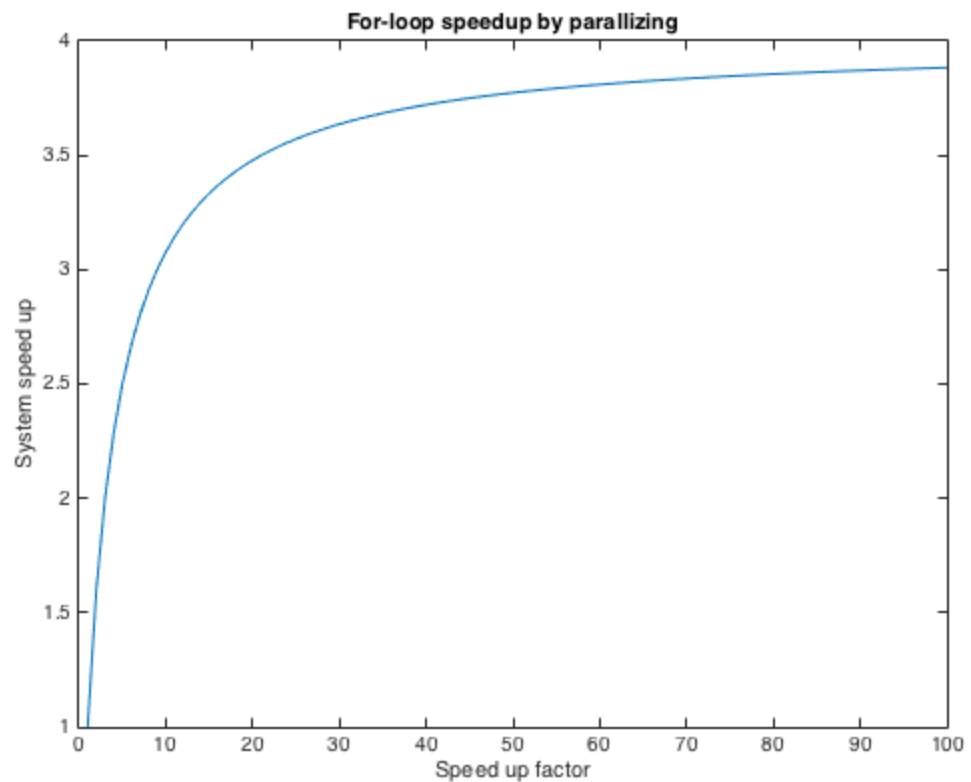

```
% Selection of speed ups from 1 to 100 times
s = [1:1:100];

% 75 percent of for loop enhanced
p = .75;

% The speed up evaluated using amdahls law with different values for
speed
% up
sLatency = 1 ./ ( ( 1-p ) + ( p ./ s ) );

plot(sLatency),title('For-loop speedup by parallizing'),xlabel('Speed
up factor'),ylabel('System speed up')
```



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